eSpark Learning Alignment with the Virginia Standards of Learning (2016)

eSpark Learning is aligned to the Virginia Standards of Learning (SOL). You'll be able to sort your student progress reports by SOL mastery, so you can quickly group students by shared needs and close learning gaps. Weekly activity reports will let you know which SOL-aligned Quests your students are currently working on at a glance.You'll be able to search for Small Group Skills by the aligned SOL codes, and quickly assign leveled lessons that correspond with what you're teaching in class!

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Kindergarten English Language Arts

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Communication and Multimodal Literacies: The student will build oral communication skills.			
K.1.a	Listen actively and speak using agreed-upon rules for discussion.		
K.1.b	Express ideas in complete sentences and express needs through direct requests.		
K.1.c	Initiate conversations.		
K.1.d	Follow implicit rules for conversation, including taking turns and staying on topic.		
K.1.e	Listen and speak in informal conversations with peers and adults.		
K.1.f	Discuss various texts and topics collaboratively and with partners.		
K.1.g	Use voice level, phrasing, and intonation appropriate for various language situations.		
K.1.h	Follow one- and two-step directions.		
K.1.i	Ask how and why questions to seek help, get information, or clarify information.		
K.1.j	Work respectfully with others.		

Kindergarten ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Communication and Multimodal Literacies: The student will demonstrate growth in oral, early literacy skills.			
K.2.a	Listen and respond to a variety of text and media.		
K.2.b	Participate in a variety of oral language activities including choral and echo speaking and recitation.		
K.2.c	Tell stories orally.	- Retell Stories	- Retell a Story
K.2.d	Participate in creative dramatics.		
Reading: The student will orally identify, segment, and blend various phonemes to develop phonological and phonemic awareness.			
K.3.a	Begin to discriminate between spoken sentences, words, and syllables.		
K.3.b	Identify and produce words that rhyme.	- Words That Rhyme	- Find Words That Rhyme
K.3.c	Blend and segment multisyllabic words at the syllable level.	- Count Syllables	- Count the Syllables in a Word
K.3.d	Blend and segment one-syllable words into phonemes including onset and rime.		
K.3.e	Identify words according to shared beginning and/or ending sounds.	- Word Families	- Change the First Letter to Make New Words

Kindergarten ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
K.3.f	Blend sounds to make one-syllable words.		
K.3.g	Segment one-syllable words into individual phonemes.	- Letter Sounds	- Make All the Letter Sounds
Reading: The student will understand how print is organized and read.			
K.4.a	Hold print materials in the correct position.	- Read Stories	- Follow Text From Left to Right and Top to Bottom
K.4.b	Identify the front cover, back cover, and title page of a book.	- Name the Parts of a Book	- Identify the Front and Back Cover of a Book
K.4.c	Distinguish between print and pictures.	- Read Stories	- Follow Text From Left to Right and Top to Bottom
K.4.d	Follow words from left to right and from top to bottom on a printed page.	- Read Stories	- Follow Text From Left to Right and Top to Bottom
K.4.e	Match voice with print.	- Read Stories	- Follow Text From Left to Right and Top to Bottom
Reading: The student will demonstrate an understanding that print conveys meaning.			
K.5.a	Identify common signs and logos.	- Let's Make Categories!	
K.5.b	Explain that printed materials provide information.		
K.5.c	Read and explain own writing and drawings.		
K.5.d	Read his/her name and commonly used high-frequency words.	- Sight Words	- Recognize Sight Words

Kindergarten ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Reading: The student will develop an understanding of basic phonetic principles.			
K.6.a	Identify and name the capital and lowercase letters of the alphabet.	- Upper and Lowercase Letters	- Identify Letters in the Alphabet
K.6.b	Match consonant, short vowel, and initial consonant digraph sounds to appropriate letters.	- Letter Sounds	- Make All the Letter Sounds
K.6.c	Demonstrate a speech-to-print match through accurate finger-point reading in familiar text that includes words with more than one syllable.	- Read Stories	- Follow Text From Left to Right and Top to Bottom
K.6.d	Identify initial consonant sounds in one-syllable words.	- Letters Make Words	- Blend Three Sounds to Make a Word
K.6.e	Identify final consonant sounds in one-syllable words.	- Letters Make Words	- Blend Three Sounds to Make a Word
Reading: The student will expand vocabulary and use of word meanings.			
K.7.a	Discuss meanings of words.		
K.7.b	Increase vocabulary by listening to a variety of texts read aloud.		
K.7.c	Use vocabulary from other content areas.	- How to Use Words	
K.7.d	Ask about words not understood.	- Identify Unknown Words - Learn New Words	- Use Clues to Understand Unknown Words
K.7.e	Use number words.		
K.7.f	Use nouns to identify and name people, places, and things.		

Kindergarten ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
K.7.g	Use adjectives to describe location, size, color, and shape.	- Opposites!	
K.7.h	Use verbs to identify actions.	- Similar Action Words	
Reading: The student will demonstrate comprehension of fictional texts.			
K.8.a	Identify the role of an author and an illustrator.	- Name Authors and Illustrators	- Identify Authors and Illustrators
K.8.b	Relate previous experiences to what is read.	- How To Use Words	
K.8.c	Use pictures to make predictions.	- Using Pictures in Stories	
K.8.d	Ask and answer questions about what is read.	- Ask and Answer Questions - Identify Unknown Words - Compare and Contrast Stories	- Answer Questions About a Text - Use Clues to Understand Unknown Words
K.8.e	Use story elements of characters, settings, and events to retell stories sequentially using beginning, middle, and end.	- Tell What Happened	- Identify the Characters in a Story
Reading: The student will demonstrate comprehension of nonfiction texts.			
K.9.a	Use pictures to identify topic and make predictions.	- Pictures Help You Read	
K.9.b	Identify text features specific to the topic, such as titles, headings, and pictures.	- Name the Parts of a Book	- Identify the Front and Back Cover of a Book

Kindergarten ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
K.9.c	Ask and answer questions about what is read.	- Answer and Answer Questions - Find the Main Idea - Learn New Words - Author's Purpose - Same and Different	- Ask and Answer Questions About Informational Texts - Retell the Main Idea and Key Details of an Informational Text - Note Similarities and Differences Between Texts
Writing: The student will print in manuscript.			
K.10.a	Print capital and lowercase letters of the alphabet independently.		
K.10.b	Print his/her first and last names.		
Writing: The student will write in a variety of forms to include narrative and descriptive.			
K.11.a	Differentiate pictures from writing.	- Use Images to Understand a Text	
K.11.b	Use prewriting activities to generate ideas including drawing pictures.		
K.11.c	Use letters to phonetically spell words that describe pictures or experiences.		

Kindergarten ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
K.11.d	Write left to right and top to bottom.	- Read Stories	- Follow Text from Left to Right and Top to Bottom
K.11.e	Compose simple sentences.		
K.11.f	Begin each sentence with a capital letter and use ending punctuation.		
Research: The student will conduct research to answer questions or solve problems using available resources.			
K.12.a	Generate topics of interest.		
K.12.b	Generate questions to gather information.		
K.12.c	Identify pictures, texts, or people as sources of information.	- Make Connections	- Make Connections Between Events, Individuals, or Ideas in Informational Text
K.12.d	Find information from provided sources.		

Kindergarten Mathematics

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Number and Number Sense			
K.1.a	Tell how many are in a given set of 20 or fewer objects by counting orally.	- Count How Many	- Count a Set of Objects within Ten - Count a Set of Objects within Twenty
K.1.b	Read, write, and represent numbers from 0 through 20.	- Let's Write Numbers	- Count from 1 To 20 - Identify Numbers to 20 - Write and Name Numbers to 20
K.2.a	Compare and describe one set as having more, fewer, or the same number of objects as the other set (given no more than three sets, each set containing 10 or fewer concrete objects).	- More or Less?	- Compare Groups of Objects Using More and Fewer
K.2.b	Compare and order sets from least to greatest and greatest to least (given no more than three sets, each set containing 10 or fewer concrete objects).	- More or Less?	- Compare Groups of Objects Using More and Fewer
K.3.a	Count forward orally by ones from 0 to 100.	- Let's Count	- Count Large Numbers
K.3.b	Count backward orally by ones when given any number between 1 and 10.		
K.3.c	Identify the number after, without counting, when given any number between 0 and 100 and identify the number before, without counting, when given any number between 1 and 10.	- Let's Count	- Count Large Numbers
K.3.d	Count forward by tens to determine the total number of objects to 100.	- Let's Count	- Count Large Numbers

Kindergarten Math (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
K.4.a	Recognize and describe with fluency part-whole relationships for numbers up to 5.	- Make Bigger Numbers - Add and Subtract within 5	- Decompose Numbers within 10 - Decompose Numbers Using Number Bonds - Decompose Numbers within 10 Two Different Ways - Subtract Within 5 - Add Up To 5
K.4.b	Investigate and describe part-whole relationships for numbers up to 10.	- Friends of Ten	- Fill in the Missing Number in an Equation to Make 10 - Find the Missing Number of Objects to Make 10 - Find the Missing Number to Complete a Ten-Frame
K.5	Investigate fractions by representing and solving practical problems involving equal sharing with two sharers.		
Computation and Estimation			
K.6	Model and solve single-step story and picture problems with sums to 10 and differences within 10, using concrete objects	- Let's Add and Subtract	- Solve Addition and Subtraction Story Problems - Solve Addition Word Problems - Solve Subtraction Word Problems

Kindergarten Math (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Measurement and Geometry			
K.7	Recognize the attributes of a penny, nickel, dime, and quarter and identify the number of pennies equivalent to a nickel, a dime, and a quarter	- Coin Values	- Identify Coin Values - Solve Problems Using Coins and Their Values
K.8	Investigate the passage of time by reading and interpreting a calendar		
K.9	Compare two objects or events, using direct comparisons, according to one or more of the following attributes: length (longer, shorter), height (taller, shorter), weight (heavier, lighter), temperature (hotter, colder), volume (more, less), and time (longer, shorter)	- Longer or Shorter? - Heavy or Light?	- Compare the Weight of Two Objects by Their Attributes - Compare Objects by Size
K.10.a	identify and describe plane figures (circle, triangle, square, and rectangle)	- Different Shapes	
K.10.b	Compare the size (smaller, larger) and shape of plane figures (circle, triangle, square, and rectangle)	- Square or Cube?	
K.10.c	Describe the location of one object relative to another (above, below, next to) and identify representations of plane figures (circle, triangle, square, and rectangle) regardless of their positions and orientations in space	- Shape Names	- Put Objects in Different Locations - Identify Shapes in the Real World - Identify an Object's Position and Location

Kindergarten Math (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Probability and Statistics			
K.11.a	Collect, organize, and represent data	- Sort and Count Objects	- Sort Objects into Categories of Their Own Choice and Count the Objects - Sort Objects Given a Predetermined Category and Count Them - Sort Objects Given a Predetermined Category
K.11.b	Read and interpret data in object graphs, picture graphs, and tables	- Sort and Count Objects	- Interpret Simple Bar Graphs - Interpret Data Represented by Tally Marks - Match Numerals with Tally Marks - Sort and Chart Objects
Patterns, Functions, and Algebra			
K.12	sort and classify objects according to one attribute	- Sort and Count Objects	- Sort Objects into Categories of Their Own Choice and Count the Objects - Sort Objects Given a Predetermined Category and Count Them - Sort Objects Given a Predetermined Category
K.13	Identify, describe, extend, create, and transfer repeating patterns		

Grade 1 English Language Arts

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Communication and Multimodal Literacies: The student will develop oral communication skills.			
1.1.a	Listen actively and speak using agreed-upon rules for discussion.		
1.1.b	Initiate conversation with peers and adults.		
1.1.c	Adapt or change oral language to fit the situation.		
1.1.d	Use appropriate voice level, phrasing, and intonation.		
1.1.e	Participate in collaborative and partner discussions about various texts and topics.		
1.1.f	Follow rules for conversation using appropriate voice level in small-group settings.		
1.1.g	Ask and respond to questions to seek help, get information, or clarify information.		
1.1.h	Restate and follow simple two-step oral directions.		
1.1.i	Give simple two-step oral directions.		
1.1.j	Express ideas orally in complete sentences.		
1.1.k	Work respectfully with others.		
1.1.l	Increase listening and speaking vocabularies.		

Grade 1 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Communication and Multimodal Literacies: The student will demonstrate growth in oral early literacy skills.			
1.2.a	Listen and respond to a variety of print and media materials.		
1.2.b	Tell and retell stories and events in sequential order.		
1.2.c	Participate in a variety of oral language activities, including choral speaking and recitation.		
1.2.d	Participate in creative dramatics.		
Reading: The student will orally identify, produce, and manipulate various phonemes within words to develop phonological and phonemic awareness.			
1.3.a	Create rhyming words.	- Words That Rhyme	- Find Words That Rhyme
1.3.b	Count phonemes (sounds) in one-syllable words.	- Blend Sounds to Make Words - “Sh” and “Ch” - “Wh,” “Th,” and “Ck” - Silent ‘e’ - Vowel Teams - Identify Syllables - Sight Words	- Know the Letter-Sound Correspondence of “Sh” - Read Words with “Sh” - Read Words with “Wh” - Blend Sounds to Read CVC Words - Identify Vowel Teams - Read Words with Silent ‘e’ - Understand How Silent ‘e’ Changes the Vowel Sounds - Divide Words in Syllables - Identify the Number of Syllables in a Word - Find the Number of Syllables in a Word - Read Sight Words - Read Irregular Words

Grade 1 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
1.3.c	Blend sounds to make one-syllable words.		
1.3.d	Segment one-syllable words into individual phonemes.	- Blend Sounds to Make Words	- Blend Sounds to Read CVC Words
1.3.e	Add or delete phonemes to make new words.	- Word Families	- Change the First Letter to Make New Words - Make New Words Based on Word Families - Identify the Missing Sounds in Words
1.3.f	Blend and segment multisyllabic words at the syllable level.		
Reading: The student will apply knowledge of how print is organized and read.			
1.4.a	Read from left to right and from top to bottom.	- Read Stories	- Follow Text from Left to Right and Top to Bottom
1.4.b	Match spoken words with print.	- Read Stories	- Follow Text from Left to Right and Top to Bottom
1.4.c	Identify letters, words, sentences, and ending punctuation.	- Sentences - Long and Short Vowels - Sounds You Hear in Words - Blend Sounds to Make Words	- Identify Long and Short Vowels in Words - Find the Long Vowel Sounds - Identify the Sounds in a CVC Word - Blend Sounds to Read CVC Words

Grade 1 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Reading: The student will apply phonetic principles to read and spell.			
1.5.a	Use initial and final consonants to decode and spell one- syllable words.	- Sounds You Hear in Words	- Identify the Sounds in a CVC Word
1.5.b	Use two-letter consonant blends to decode and spell one-syllable words.		
1.5.c	Use consonant digraphs to decode and spell one-syllable words.	- Blend Sounds to Make Words - “Sh” and “Ch” - “Wh,” “Th,” and “Ck”	- Know the Letter-Sound Correspondence of the “Sh” Digraph - Read Words with the “Sh” Digraph - Read Words with the “Wh” Digraph
1.5.d	Use short vowel sounds to decode and spell one-syllable words.	- Long and Short Vowels - Blend Sounds to Make Words	- Identify Long and Short Vowels in Words - Find the Long Vowel Sounds - Blend Sounds to Read CVC Words
1.5.e	Blend initial, medial, and final sounds to recognize and read words.		
1.5.f	Use word patterns to decode unfamiliar words.	- Silent ‘e’ - Vowel Teams - Identify Syllables	- Identify Common Vowel Teams - Read Words with a Silent ‘e’ - Understand How Silent ‘e’ Changes the Vowel Sound in a Word - Divide Words into Syllables - Identify the Number of Syllables in a Word - Find the Number of Syllables in a Word

Grade 1 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
1.5.g	Read and spell simple two-syllable compound words.	- Identify Syllables - Sight Words	- Divide Words into Syllables - Find the Number of Syllables in a Word - Read Sight Words - Read Irregular Words
1.5.h	Read and spell commonly used sight words.	- Sight Words	- Read Sight Words - Read Irregular Words
Reading: The student will use semantic clues and syntax for support when reading.			
1.6.a	Use words, phrases, and sentences.		
1.6.b	Use titles and pictures.	- Use Images to Understand a Text	
1.6.c	Use information in the story to read words.	- Context Clues - Prefixes and Suffixes	
1.6.d	Use knowledge of sentence structure.	- Context Clues	
1.6.e	Reread and self-correct.		
Reading: The student will expand vocabulary and use of word meanings.			
1.7.a	Discuss meanings of words in context.	- Context Clues - Prefixes and Suffixes	
1.7.b	Develop vocabulary by listening to and reading a variety of texts.		
1.7.c	Ask for the meaning of unknown words and make connections to familiar words.	- Find Meaning of Words	
1.7.d	Use text clues such as words or pictures to discern meanings of unknown words.	- Use Images to Understand a Text	

Grade 1 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
1.7.e	Use vocabulary from other content areas.		
1.7.f	Use singular and plural nouns.		
1.7.g	Use adjectives to describe nouns.		
1.7.h	Use verbs to identify actions.	- What are Synonyms?	
Reading: The student will use simple reference materials.			
1.8.a	Use knowledge of alphabetical order by first letter.		
1.8.b	Use a picture dictionary to find meanings of unfamiliar words.		
Reading: The student will read and demonstrate comprehension of a variety of fictional texts.			
1.9.a	Preview the selection.		
1.9.b	Set a purpose for reading.		
1.9.c	Relate previous experiences to what is read.	- Fiction or Nonfiction?	- Identify Whether a Text is Fiction or Nonfiction
1.9.d	Make and confirm predictions.	- Questions About Stories	- Ask Questions About a Story - Answer Questions About a Story
1.9.e	Ask and answer who, what, when, where, why, and how questions about what is read.	- Questions About Stories	- Ask Questions About a Story - Answer Questions About a Story

Grade 1 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
1.9.f	Identify characters, setting, and important events.	- Characters, Plot, and Setting	- Identify the Characters in a Story and their Character Traits - Identify the Main Events in a Story
1.9.g	Retell stories and events using beginning, middle, and end in a sequential order.	- Images Help You Read - Retell Stories	- Use Illustrations to Answer Questions About Characters - Use Illustrations to Answer Questions About Events - Identify the Lesson in a Story - Identify the Parts of a Story - Retell a Story
1.9.h	Identify theme.	- Find the Main Idea	- Identify the Main Idea of an Informational Text
1.9.i	Read and reread familiar stories and poems with fluency, accuracy, and meaningful expression.		
Reading: The student will read and demonstrate comprehension of a variety of nonfiction texts.			
1.10.a	Preview the selection.		
1.10.b	Use prior and background knowledge as context for new learning.	- Words and Their Use	
1.10.c	Set a purpose for reading.		

Grade 1 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
1.10.d	Identify text features such as pictures, headings, charts, and captions.	- Nonfiction Text Features	- Identify Nonfiction Text Features
1.10.e	Make and confirm predictions.	- Answer Questions About Stories	- Ask and Answer Questions about Informational Texts
1.10.f	Ask and answer who, what, where, when, why, and how questions about what is read.	- Answer Questions About Stories - Find Meaning of Words	- Ask and Answer Questions about Informational Texts
1.10.g	Identify the main idea.	- Find the Main Idea - Use Images to Explain a Text	- Identify the Main Idea of an Informational Text - Use Images to Help Explain a Text
1.10.h	Read and reread familiar texts with fluency, accuracy, and meaningful expression.		
Writing: The student will print legibly in manuscript.			
1.11.a	Form letters accurately.		
1.11.b	Space words within sentences.	- Read Stories	- Identify Where Spaces Should Be Between Words in a Sentence
Writing: The student will write in a variety of forms to include narrative, descriptive, and opinion.			
1.12.a	Identify audience and purpose.		
1.12.b	Use prewriting activities to generate ideas.		
1.12.c	Focus on one topic.		
1.12.d	Organize writing to suit purpose.		

Grade 1 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
1.12.e	Revise by adding descriptive words when writing about people, place, things, and events.		
1.12.f	Write to express an opinion and give a reason.		
1.12.g	Use letters to phonetically spell words.		
1.12.h	Share writing with others.		
Writing: The student will edit writing for capitalization, punctuation, and spelling.			
1.13.a	Use complete sentences.		
1.13.b	Begin each sentence with a capital letter and use ending punctuation.		
1.13.c	Use correct spelling for commonly used sight words and phonetically regular words.		
Research: The student will conduct research to answer questions or solve problems using available resources.			
1.14.a	Generate topics of interest.		
1.14.b	Generate questions to gather information.		
1.14.c	Identify pictures, texts, or people as sources of information.		
1.14.d	Find information from provided sources.		
1.14.e	Record information.		

Grade 1 Mathematics

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Number and Number Sense			
1.1.a	Count forward orally by ones to 110, starting at any number between 0 and 110.	- Let's Count	- Count Large Numbers
1.1.b	Write the numerals 0 to 110 in sequence and out-of-sequence.		
1.1.c	Count backward orally by ones when given any number between 1 and 30.	- Skip-Count to 1000	- Skip-Count by Tens
1.1.d	Count forward orally by ones, twos, fives, and tens to determine the total number of objects to 110.	- Skip-Count to 1000	- Skip-Count by Tens
1.2.a	Given up to 110 objects, will group a collection into tens and ones and write the corresponding numeral.	- Tens and Ones	- Identify How Many Tens and Ones are in a Number - Count By Tens - Visually Make Tens out of Ones
1.2.b	Given up to 110 objects, will compare two numbers between 0 and 110 represented pictorially or with concrete objects, using the words greater than, less than or equal to.	- Compare Numbers	- Compare Two-Digit Numbers
1.2.c	Given up to 110 objects, will order three or fewer sets from least to greatest and greatest to least.	- Order Three Objects by Length	- Order Objects by Length - Compare Lengths of Objects - Compare Lengths Using a Third Object
1.3	Given an ordered set of ten objects and/or pictures, will indicate the ordinal position of each object, first through tenth		

Grade 1 Math (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
1.4.a	Represent and solve practical problems involving equal sharing with two or four sharers.	- Dividing Shapes	- Partition Shapes into Halves and Fourths
1.4.b	Represent and name fractions for halves and fourths, using models.	- Dividing Shapes	- Partition Shapes into Halves and Fourths
1.5.a	Given a familiar problem situation involving magnitude, will select a reasonable order of magnitude from three given quantities: a one-digit numeral, a two-digit numeral, and a three-digit numeral (e.g., 5, 50, 500).		
1.5.b	Given a familiar problem situation involving magnitude, will explain the reasonableness of the choice.		
Computation and Estimation			
1.6	Create and solve single-step story and picture problems using addition and subtraction within 20	- Word Problems - Use Counting to Add and Subtract	- Solve Adding and Subtracting Word Problems - Solve Addition and Subtraction Word Problems Using Pictures - Add by Counting On - Add Within 20 by Counting On - Subtract Within 20 by Counting Back

Grade 1 Math (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
1.7.a	Recognize and describe with fluency part-whole relationships for numbers up to 10.	- Make Bigger Numbers - Number Families	- Decompose Numbers Within 10 - Decompose Numbers Using Number Bonds - Decompose Numbers Within 10 Two Different Ways - Understand Properties of Addition
1.7.b	Demonstrate fluency with addition and subtraction within 10.	- Use Counting to Add and Subtract - Add and Subtract Up to 20	- Add by Counting On - Add Within 20 by Counting On - Subtract Within 20 by Counting Back - Add and Subtract Within 10 - Add Within 20 - Add Within 20 Using a Number Line - Subtract Within 20 - Add and Subtract Within 20
Measurement and Geometry			
1.8	Determine the value of a collection of like coins (pennies, nickels, or dimes) whose total value is 100 cents or less.	- Coin Values	- Identify Coin Values - Solve Problems Using Coins and their Values
1.9.a	Investigate the passage of time and tell time to the hour and half-hour, using analog and digital clocks.	- Tell Time to the Hour and Half-Hour	- Tell Time to the Hour Using Digital and Analog Notation - Tell Time to the Hour and Half Hour Using Digital and Analog Notation

Grade 1 Math (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
1.9.b	Investigate the passage of time and read and interpret a calendar.		
1.10	Use nonstandard units to measure and compare length, weight, and volume.	- Measure Without a Ruler	- Measure Using Nonstandard Units - Measure Length Using Nonstandard Units
1.11.a	Identify, trace, describe, and sort plane figures (triangles, squares, rectangles, and circles) according to number of sides, vertices, and angles.	- Different Shapes - Learn About Shapes	- Identify the Attributes of Flat Shapes - Draw Shapes
1.11.b	Identify and describe representations of circles, squares, rectangles, and triangles in different environments, regardless of orientation, and explain reasoning.	- Build With Shapes	- Create 3D Shapes
Probability and Statistics			
1.12.a	Collect, organize, and represent various forms of data using tables, picture graphs, and object graphs.	- Sort and Count Objects	- Interpret Simple Bar Graphs - Interpret Data Represented by Tally Marks - Match Numerals with Tally Marks - Sort and Chart Objects

Grade 1 Math (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
1.12.b	Read and interpret data displayed in tables, picture graphs, and object graphs, using the vocabulary more, less, fewer, greater than, less than, and equal to.	- Sort and Count Objects	- Interpret Simple Bar Graphs - Interpret Data Represented by Tally Marks - Match Numerals with Tally Marks - Sort and Chart Objects
Patterns, Functions, and Algebra			
1.13	Sort and classify concrete objects according to one or two attributes.	- Flat or Solid?	
1.14	Identify, describe, extend, create, and transfer growing and repeating patterns.		
1.15	Demonstrate an understanding of equality through the use of the equal symbol.	- Find the Missing Number - What is Equal?	- Identify the Missing Addend - Find the Missing Addend

Grade 2 English Language Arts

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Communication and Multimodal Literacies: The student will use oral communication skills.			
2.1.a	Listen actively and speak using appropriate discussion rules.		
2.1.b	Use oral language for different purposes: to inform, persuade, entertain, clarify, and respond.		
2.1.c	Speak audibly with appropriate voice level, phrasing, and intonation.		
2.1.d	Share information orally with appropriate facts and relevant details.		
2.1.e	Use increasingly complex sentence structures in oral communication.		
2.1.f	Begin to self-correct errors in language use.		
2.1.g	Participate as a contributor and leader in collaborative and partner discussions.		
2.1.h	Ask and answer questions to seek help, get information, or clarify information.		
2.1.i	Retell information shared by others.		
2.1.j	Restate and follow multi-step directions.		
2.1.k	Give multi-step directions.		
2.1.l	Work respectfully with others and show value for individual contributions.		

Grade 2 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
2.1.m	Create a simple presentation using multimodal tools.		
Communication and Multimodal Literacies: The student will demonstrate an understanding of oral early literacy skills.			
2.2.a	Create oral stories to share with others.		
2.2.b	Create and participate in oral dramatic activities.		
2.2.c	Participate in a variety of oral language activities, including choral speaking and recitation.	- Stories Can Teach Lessons	- Retell a Story
Reading: The student will orally identify, produce, and manipulate various phonemes within words to develop phonemic awareness.			
2.3.a	Count phonemes within one-syllable words.	- Blend Sounds to Make Words	- Blend Sounds to Read CVC Words
2.3.b	Blend sounds to make one-syllable words.		
2.3.c	Segment one-syllable words into phonemes.	- Blend Sounds to Make Words	- Blend Sounds to Read CVC Words
2.3.d	Add or delete phonemes to make words.	- Word Families	- Change the First Letter to Make New Words - Make New Words Based on Word Families - Identify the Missing Sounds in Words

Grade 2 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
2.3.e	Blend and segment multisyllabic words at the syllable level.	- Long and Short Vowels -R-Controlled Vowels -"ai," "ay," and "ow"	- Read Words with Long Vowels - Read Words with R-Controlled Vowels - Spell Words with Common Vowel Teams
Reading: The student will use phonetic strategies when reading and spelling.			
2.4.a	Use knowledge of consonants, consonant blends, and consonant digraphs to decode and spell words.	- Blend Sounds to Make Words - "Sh" and "Ch" - "Wh," "Th,"and "Ck" -Tricky Spelling Patterns	- Know the Letter-Sound Correspondence of the “Sh” Digraph - Read Words with the “Sh” Digraph - Read Words with the “Wh” Digraph - Identify Words with Soft and Hard C
2.4.b	Use knowledge of short, long, and r-controlled vowel patterns to decode and spell words.	- Long and Short Vowels - R-Controlled Vowels - "ai," "ay," and "ow"	- Read Words with Long Vowels - Read Words with R-Controlled Vowels - Spell Words with Common Vowel Teams
2.4.c	Decode regular multisyllabic words.		
2.4.d	Apply decoding strategies to confirm or correct while reading.		
Reading: The student will use semantic clues and syntax to expand vocabulary when reading.			
2.5.a	Use information and context clues in the story to read words.		

Grade 2 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
2.5.b	Use knowledge of sentence structure to determine the meaning of unknown words.	- Multiple Meaning Words	
Reading: The student will expand vocabulary and use of word meanings.			
2.6.a	Use knowledge of homophones.		
2.6.b	Use knowledge of prefixes and suffixes.	- Decode Words	- Identify Prefixes and Suffixes
2.6.c	Use knowledge of antonyms and synonyms.		
2.6.d	Discuss meanings of words and develop vocabulary by listening to and reading a variety of texts.	- Find the Meaning of New Words	
2.6.e	Use word-reference materials including dictionaries, glossaries and indices.		
2.6.f	Use vocabulary from other content areas.		
Reading: The student will read and demonstrate comprehension of fictional texts.			
2.7.a	Make and confirm predictions.	- Ask and Answer Questions	- Answer Questions About a Story
2.7.b	Connect previous experiences to new texts.	- Rhythm and Alliteration	- Identify the Meaning of Rhymes and Alliterations in a Text
2.7.c	Ask and answer questions using the text for support.	- Ask and Answer Questions	- Answer Questions About a Story

Grade 2 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
2.7.d	Describe characters, setting, and plot events in fiction and poetry.	- Identify Characters and Events - Discover Points of View	- Identify Problems and Solutions in a Story - Identify How Characters Respond to Events in Fiction Stories
2.7.e	Identify the conflict and resolution.	- Explore Story Structure	- Describe the Structure of a Story in Terms of Beginning, Middle, and End - Describe the Problem and Solution in a Story - Identify the Elements in a Story
2.7.f	Identify the theme.	- Ask and Answer Questions	- Answer Questions About a Story
2.7.g	Summarize stories and events with beginning, middle, and end in the correct sequence.	- Explore Story Structure	- Describe the Structure of a Story in Terms of Beginning, Middle, and End - Describe the Problem and Solution in a Story - Identify the Elements in a Story
2.7.h	Draw conclusions based on the text.	- Gain Meaning from Pictures	- Gain Meaning from the Illustrations in a Story - Explain How Illustrations Contribute to a Story
2.7.i	Read and reread familiar stories and poems with fluency, accuracy, and meaningful expression.		

Grade 2 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Reading: The student will read and demonstrate comprehension of nonfiction texts.			
2.8.a	Preview the selection using text features including table of contents, headings, pictures, captions, and maps.	- Nonfiction Text Features - Images Add Meaning to Text	- Identify Nonfiction Text Features - Use Images to Support Understanding of a Text
2.8.b	Make and confirm predictions.	- Answer Questions about Texts	- Answer Questions About a Text - Learn the 5 W's and Practice Answering Questions About Nonfiction Text
2.8.c	Use prior and background knowledge as context for new learning.	- Identify Steps in a Process	- Identify the Chronological Order of Events
2.8.d	Set purpose for reading.	- Find Evidence in the Text	
2.8.e	Ask and answer questions using the text as support.	- Answer Questions about Texts	- Answer Questions About a Text - Learn the 5 W's and Practice Answering Questions About Nonfiction Text
2.8.f	Identify the main idea.	- Main Topic	- Find the Main Topic of an Informational Text
2.8.g	Draw conclusions based on the text.	- Find Evidence in the Text	
2.8.h	Read and reread familiar texts with fluency, accuracy, and meaningful expression.		

Grade 2 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Writing: The student will maintain legible printing and begin to make the transition to cursive.			
2.9.a	Begin to write capital and lowercase letters of the alphabet.		
2.9.b	Begin to sign his/her first and last names.		
Writing: The student will write in a variety of forms to include narrative, descriptive, opinion, and expository.			
2.10.a	Understand writing as a process.		
2.10.b	Identify audience and purpose.		
2.10.c	Use prewriting strategies to generate ideas before writing.		
2.10.d	Use strategies for organization according to the type of writing.		
2.10.e	Organize writing to include a beginning, middle, and end.		
2.10.f	Write facts about a subject to support a main idea.		
2.10.g	Write to express an opinion and provide a reason for support.		
2.10.h	Expand writing to include descriptive detail.		
Writing: The student will edit writing for capitalization, punctuation, spelling and Standard English.			
2.10.i	Revise writing for clarity.		
2.11.a	Recognize and use complete sentences.		
2.11.b	Use and punctuate declarative, interrogative, and exclamatory sentences.		

Grade 2 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
2.11.c	Capitalize all proper nouns and word I.		
2.11.d	Use singular and plural nouns/pronouns.		
2.11.e	Use apostrophes in contractions and possessives.		
2.11.f	Use contractions/singular possessives.		
2.11.g	Use knowledge of simple abbreviations.		
2.11.h	Use correct spelling for commonly used sight words, including compound words and regular plurals.	- Compound Words	
2.11.i	Use commas in salutation and closing of a letter.		
2.11.j	Use past and present verbs.		
2.11.k	Use adjectives correctly.		
Research: The student will conduct research by using available resources to gather information and answer questions to complete a research product.			
2.12.a	Generate topics of interest.		
2.12.b	Generate questions to gather information.		
2.12.c	Identify pictures, texts, people, or media as sources of information.		
2.12.d	Find information from provided sources.		
2.12.e	Organize information in writing or a visual display.		
2.12.f	Describe difference between plagiarism and using own words.		

Grade 2 Mathematics

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Number and Number Sense			
2.1.a	Read, write, and identify the place and value of each digit in a three-digit numeral, with and without models.	- Place Value - Numbers to 1000	- Identify the Place Values of Three Digit Numbers - Read Numbers to 1000 in Different Forms - Use Visuals to Read Numbers to 1000 in Expanded Form - Read Numbers to 1000 in Expanded Form - Read Numbers to 1000 Using Number Names - Write Numbers in Word Form
2.1.b	Identify the number that is 10 more, 10 less, 100 more, and 100 less than a given number up to 999.	- Add and Subtract	- Find Ten More and Ten Less - Add One or Ten More to a Given Number
2.1.c	Compare and order whole numbers between 0 and 999.	- Compare Numbers - Compare 3-Digit Numbers	- Compare Two-Digit Numbers - Compare 3-Digit Numbers Using the Greater Than, Less Than, or Equal To Symbols - Use Place Value Understanding to Compare 3-Digit Numbers

Grade 2 Math (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
2.1.d	Round two-digit numbers to the nearest ten.	- Round to Tens and Hundreds	- Round to the Nearest 10 or 100
2.2.a	Count forward by twos, fives, and tens to 120, starting at various multiples of 2, 5, or 10.	- Skip-Count to 1000	- Skip Count by Tens
2.2.b	Count backward by tens from 120.		
2.2.c	Use objects to determine whether a number is even or odd.	- Odds and Evens	- Practice Identifying Odd and Even Numbers with Automaticity - Make Pairs to See if a Number is Odd or Even - Visually Check if a Number is Odd or Even Based on if It Can Be Made into Pairs - Identify Odd or Even with Automaticity
2.3.a	Count and identify the ordinal positions first through twentieth, using an ordered set of objects.		
2.3.b	Write the ordinal numbers 1st through 20th.		
2.4.a	Name and write fractions represented by a set, region, or length model for halves, fourths, eighths, thirds, and sixths.	- Halves, Thirds, and Fourths	- Partition Shapes into Halves, Thirds, and Fourths
2.4.b	Represent fractional parts with models and with symbols.	- Getting Started with Fractions	- Recognize Visual Representations of Fractions - Identify Equal Parts to Make Fractions - Identify Unit Fractions - Identify Fractions

Grade 2 Math (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
2.4.c	Compare the unit fractions for halves, fourths, eighths, thirds, and sixths, with models.	- Fractions on a Number Line - Comparing Fractions	- Label and Identify Fractions on a Number Line - Compare Fractions Using Visual Models
Computation and Estimation			
2.5.a	Recognize and use the relationships between addition and subtraction to solve single-step practical problems, with whole numbers to 20.	- Word Problems - Number Families	- Solve Adding and Subtracting Word Problems - Solve Addition and Subtraction Word Problems Using Pictures - Understand Properties of Addition
2.5.b	Demonstrate fluency with addition and subtraction within 20.	- Add and Subtract with Fluency	- Fluently Subtract Using Math Facts to 20 - Add and Subtract Within 20 with Fluency - Add and Subtract within 20
2.6.a	Estimate sums and differences.		
2.6.b	Determine sums and differences, using various methods.	- Add and Subtract within 100	- Add Within 100 Using a Number Line - Subtract Within 100 by Decomposing the Subtrahend - Add 2-Digit Numbers
2.6.c	Create and solve single-step and two-step practical problems involving addition and subtraction.	- Word Problems	- Solve Addition Word Problems - Add and Subtract Word Problems Within 100 - Solve Word Problems with Addition and Subtraction

Grade 2 Math (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Measurement and Geometry			
2.7.a	Count and compare a collection of pennies, nickels, dimes, and quarters whose total value is $2.00 or less.	- Coin Values	- Identify Coin Values - Solve Problems Using Coins and their Values
2.7.b	Use the cent symbol, dollar symbol, and decimal point to write a value of money.	- Coin Values	- Identify Coin Values - Solve Problems Using Coins and their Values
2.8.a	Estimate and measure length to the nearest inch.	- Measure Length	- Measure Length Using a Ruler
2.8.b	Estimate and measure weight to the nearest pound.	- Measure Length	- Measure Length Using a Ruler
2.9	Tell time and write time to the nearest five minutes, using analog and digital clocks.	- Tell and Write Time	- Identify the Difference between a.m. and p.m - Tell Time to the Nearest 5 Minutes
2.10.a	Determine past/future days of the week.		
2.10.b	Identify specific days and dates on a given calendar.		
2.11	Read temperature to the nearest 10 degrees.		
2.12.a	Draw a line of symmetry in a figure.		
2.12.b	Identify and create figures with at least one line of symmetry.		
2.13	Identify, describe, compare, and contrast plane and solid figures (circles/spheres, squares/cubes, and rectangles/rectangular prisms).	- Different Shapes - Flat or Solid? - Square or Cube? - Build With Shapes - Name and Draw Shapes	- Create 3d Shapes - Identify 3d Shapes

Grade 2 Math (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Probability and Statistics			
2.14	Use data from probability experiments to predict outcomes when the experiment is repeated.		
2.15.a	Collect, organize, and represent data in pictographs and bar graphs.	- Using Bar Graphs	- Sort Items, Create a Picture Graph, and Answer Questions about their Graph - Read Bar Graphs and Answer "How Many" Questions about the Data - Sort and Graph Objects
2.15.b	Read and interpret data represented in pictographs and bar graphs.	- Using Bar Graphs	- Sort Items, Create a Picture Graph, and Answer Questions about their Graph - Read Bar Graphs and Answer "How Many" Questions about the Data - Sort and Graph Objects
Patterns, Functions, and Algebra			
2.16	Identify, describe, create, extend, and transfer patterns found in objects, pictures, and numbers.		
2.17	Demonstrate an understanding of equality through the use of the equal symbol and the use of the not equal symbol.	- What is Equal?	

Grade 3 English Language Arts

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Communication and Multimodal Literacies: The student will use effective communication skills in a variety of settings.			
3.1.a	Use active listening strategies including but not limited to making eye contact, facing the speaker, asking questions, and summarizing.		
3.1.b	Present accurate directions to individuals and small groups.		
3.1.c	Ask and respond to questions from teachers and other group members.		
3.1.d	Orally summarize information expressing ideas clearly.		
3.1.e	Use language appropriate for context and audience.		
3.1.f	Increase listening and speaking vocabularies.		
3.1.g	Participate in collaborative discussions.		
3.1.h	Work respectfully with others in pairs, diverse groups, and whole class settings.		
3.2.a	Speak clearly using appropriate volume.		
3.2.b	Speak at an understandable rate.		
3.2.c	Make eye contact with the audience.		
3.2.d	Organize ideas sequentially or around major points of information using appropriate facts and relevant details.		
3.2.e	Use contextually appropriate language and specific vocabulary to communicate ideas.		
3.2.f	Use multimodal tools to create presentations and enhance communication.		

Grade 3 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Reading: The student will apply word-analysis skills when reading.			
3.3.a	Use knowledge of regular and irregular vowel patterns.	- Reading Sight Words	- Make Words with Suffixes - Identify the Meaning of Prefixes - Identify the Meaning of Suffixes - Identify Prefixes and Suffixes - Identify Sight Words - Read and Write High Frequency and Irregularly Spelled Words
3.3.b	Decode regular multisyllabic words.		
3.4.a	Use knowledge of homophones.	- Common Prefixes and Suffixes	- Make Words with Suffixes - Identify the Meaning of Prefixes - Identify the Meaning of Suffixes - Identify Prefixes and Suffixes
3.4.a	Use knowledge of homophones.		
3.4.b	Use knowledge of roots, affixes, synonyms, and antonyms to determine the meaning of new words.		
3.4.c	Apply meaning clues, language structure, and phonetic strategies to determine the meaning of new words.	- Literal vs Non-Literal Language - Context Clues	- Identify Literal and Nonliteral Language - Identify the Meaning of Common Idioms

Grade 3 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
3.4.d	Use context to clarify meaning of unfamiliar words.		
3.4.e	Discuss meanings of words and develop vocabulary by listening to and reading a variety of texts.		
3.4.f	Use vocabulary from other content areas.		
3.4.g	Use word-reference resources including the glossary, dictionary, and thesaurus.		
Reading: The student will read and demonstrate comprehension of fictional texts, literary nonfiction, and poetry.			
3.5.a	Set a purpose for reading.	- Understanding the Text	- Ask and Answer Questions about a Story
3.5.b	Make connections between reading selections.	- Compare, Contrast Series Books	
3.5.c	Make, confirm, and revise predictions.	- Understanding the Text	- Ask and Answer Questions about a Story
3.5.d	Compare and contrast settings, characters, and plot events.	- Describe Characters in a Story - Compare, Contrast Series Books	- Describe Characters
3.5.e	Summarize plot events.	- Determine Message, Lesson, Moral	- Retell a Story and Identify the Moral
3.5.f	Identify the narrator of a story.	- Point of View	
3.5.g	Ask and answer questions about what is read.	- Understanding the Text	- Ask and Answer Questions about a Story
3.5.h	Draw conclusions using the text for support.	- Understanding the Text	- Ask and Answer Questions about a Story

Grade 3 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
3.5.i	Identify the conflict and resolution.	- Understanding the Text	- Ask and Answer Questions about a Story
3.5.j	Identify the theme.	- Understanding the Text	- Ask and Answer Questions about a Story
3.5.k	Use reading strategies to monitor comprehension throughout the reading process.	- Illustrations Support Text	- Explain How Illustrations Contribute to a Story
3.5.l	Differentiate between fiction and nonfiction.	- Understanding the Text	- Ask and Answer Questions about a Story
3.5.m	Read with fluency, accuracy, and meaningful expression.	- Read with Fluency	- Read with Fluency
Reading: The student will read and demonstrate comprehension of nonfiction texts.			
3.6.a	Identify the author's purpose.	- Asking and Answering Questions	- Find Text Evidence to Answer Questions about Informational Text - Refer to Text Evidence to Answer Questions about Informational Text
3.6.b	Use prior and background knowledge as context for new learning.	- Asking and Answering Questions	- Find Text Evidence to Answer Questions about Informational Text - Refer to Text Evidence to Answer Questions about Informational Text

Grade 3 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
3.6.c	Preview and use text features including table of contents, headings, pictures, captions, maps, indices, and charts.	- Text Features	- Identify the Type of Information Provided by Different Nonfiction Text Features - Identify Nonfiction Text Features
3.6.d	Ask and answer questions about what is read using the text for support.	- Asking and Answering Questions - Connecting Story Details - Context Clues	- Find Text Evidence to Answer Questions about Informational Text - Refer to Text Evidence to Answer Questions about Informational Text - Make Connections Between the Details in a Text - Identify Cause and Effect Relationships
3.6.e	Draw conclusions using the text for support.	- Use Pictures to Understand Words - Logical Connections	- Answer Questions about the Images in a Text - Explain the Images in a Text
3.6.f	Summarize information found in nonfiction texts.	- Main Idea and Key Details	- Use Details to Find the Main Idea of an Informational Text
3.6.g	Identify the main idea.	- Determine Message, Lesson, Moral	- Retell a Story and Identify the Moral
3.6.h	Identify supporting details.	- Determine Message, Lesson, Moral	- Retell a Story and Identify the Moral

Grade 3 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
3.6.i	Use reading strategies to monitor comprehension throughout the reading process.	- Read with Fluency	- Read with Fluency
3.6.j	Read with fluency, accuracy, and meaningful expression.		
Writing: The student will write legibly in cursive.			
3.7.a	Write capital and lowercase letters of the alphabet.		
3.7.b	Sign his/her first and last names.		
Writing: The student will write in a variety of forms to include narrative, descriptive, opinion, and expository.			
3.8.a	Engage in writing as a process.		
3.8.b	Identify audience and purpose.		
3.8.c	Use a variety of prewriting strategies.		
3.8.d	Use organizational strategies to structure writing according to type.		
3.8.e	Write a clear topic sentence focusing on main idea.		
3.8.f	Elaborate writing by including supporting details.		
3.8.g	Use transition words to vary sentence structure.		
3.8.h	Express an opinion about a topic and provide fact-based reasons for support.		
3.8.i	Write a well-developed paragraph focusing on the main idea.		
3.8.j	Revise writing for clarity of content using specific vocabulary and information.		

Grade 3 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Writing: The student will edit writing for capitalization, punctuation, spelling, and Standard English.			
3.9.a	Use complete sentences.		
3.9.b	Use the word I in compound subjects.		
3.9.c	Use past and present verb tense.		
3.9.d	Use adjectives correctly.		
3.9.e	Use singular possessives.		
3.9.f	Use commas in a simple series.		
3.9.g	Use simple abbreviations.		
3.9.h	Use apostrophes in contractions with pronouns and in possessives.		
3.9.i	Use the articles a, an, and the correctly.		
3.9.j	Use correct spelling, and irregular plurals.		
3.9.k	Indicate paragraphing by indenting or skipping a line.		
Research: The student will demonstrate comprehension of information resources to research a topic and complete a research product.			
3.10.a	Construct questions about the topic.		
3.10.b	Access appropriate resources.		
3.10.c	Collect and organize information about the topic.		
3.10.d	Evaluate the relevance of the information.		
3.10.e	Avoid plagiarism and use own words.		
3.10.f	Demonstrate ethical use of the Internet.		

Grade 3 Mathematics

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Number and Number Sense			
3.1.a	Read, write, and identify the place and value of each digit in a six-digit whole number, with and without models.	- Write and Compare Large Numbers	- Compare Large Numbers using a Place Value Chart - Write Large Numbers in Expanded Form - Use Symbols to Compare Large Numbers
3.1.b	Round whole numbers, 9,999 or less, to the nearest ten, hundred, and thousand.	- Add within 1000 - Round Multi-Digit Whole Numbers	- Add within 1000 using the Standard Algorithm - Add within 1000 using the Expanded Form Strategy - Add within 1000 using a Number Line - Add within 1000 using Any Method - Subtract within 1000 using a Number Line - Subtract within 1000 using the Standard Algorithm - Subtract within 1000 using the Expanded Form Strategy - Round Multi-Digit Whole Numbers

Grade 3 Math (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
3.1.c	Compare and order whole numbers, each 9,999 or less.	- Write and Compare Large Numbers	- Compare Large Numbers using a Place Value Chart - Write Large Numbers in Expanded Form - Use Symbols to Compare Large Numbers
3.2.a	Name and write fractions and mixed numbers represented by a model.	- Getting Started with Fractions	- Recognize Visual Representations of Fractions - Identify Equal Parts to Make Fractions - Identify Unit Fractions - Identify Fractions
3.2.b	Represent fractions and mixed numbers with models and symbols.	- Fractions on a Number Line	- Label Fractions on a Number Line - Identify Fractions on a Number Line
3.2.c	Compare fractions having like and unlike denominators, using words and symbols (>, <, =, or ≠), with models.	- Identifying Equivalent Fractions - Comparing Fractions	- Use Strategies to Identify Equivalent Fractions - Identify Equivalent Fractions using Visual Models - Use a Number Line to Identify Equivalent Fractions - Compare Fractions with Different Denominators - Compare Fractions using a Common Denominator - Compare Fractions using Visual Models

Grade 3 Math (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Computation and Estimation			
3.3.a	Estimate and determine the sum or difference of two whole numbers.	- Two-Step Word Problems - Add within 1000	- Solve Two-Step Word Problems using the Four Operations - Add within 1000 using the Standard Algorithm - Add within 1000 using the Expanded Form Strategy - Add within 1000 using a Number Line - Add within 1000 using Any Method - Subtract within 1000 using a Number Line - Subtract within 1000 using the Standard Algorithm - Subtract within 1000 using the Expanded Form Strategy
3.3.b	Create and solve single-step and multistep practical problems involving sums or differences of two whole numbers, each 9,999 or less.	- Multi-step Word Problems	- Solve Multi-step Word Problems
3.4.a	Represent multiplication and division through 10 × 10, using a variety of approaches and models.	- Multiplying Whole Numbers - Dividing Whole Numbers	- Use Arrays to Solve Multiplication Problems - Multiply using Repeated Addition - Divide When the Group Size, but not Number of Groups, is Known - Divide using Equal Groups

Grade 3 Math (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
3.4.b	Create and solve single-step practical problems that involve multiplication and division through 10 x 10.	- Properties of Multiplication - Division as an Unknown Factor	- Use the Associative Property of Multiplication - Use the Commutative Property - Use the Distributive Property to Solve Multiplication Problems
3.4.c	Demonstrate fluency with multiplication facts of 0, 1, 2, 5, and 10.	- Multiply, Divide: 1-5 - Multiply, Divide: 6-10	- Multiply by 2/3/4/5/6/7/8/9 - Practice Multiplying 1-10 - Practice Division Facts - Divide with Fluency
3.4.d	Solve single-step practical problems involving multiplication of whole numbers, where one factor is 99 or less and the second factor is 5 or less.	- Multiply, Divide: Word Problems - Multiply with Word Problems	- Solve Word Problems Involving Equal Groups - Solve Word Problems with Multiplicative Comparisons - Solve Multiplication Word Problems
3.5	Solve practical problems that involve addition and subtraction with proper fractions having like denominators of 12 or less.	- Add and Subtract Fractions - Add and Subtract Mixed Numbers	- Add and Subtract Fractions with Common Denominators - Add Fractions with a Common Denominator
Measurement and Geometry			
3.6.a	Determine the value of a collection of bills and coins whose total value is $5.00 or less.	- Coin Values	- Identify Coin Values - Solve Problems using Coins and their Values

Grade 3 Math (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
3.6.b	Compare the value of two sets of coins or two sets of coins and bills.	- Coin Values	- Identify Coin Values - Solve Problems using Coins and their Values
3.6.c	Make change from $5.00 or less.	- Measurement Word Problems	
3.7.a	Estimate and use U.S. Customary and metric units to measure length to the nearest 1/2 inch, inch, foot, yard, centimeter, and meter.		
3.7.b	Estimate and use U.S. Customary and metric units to measure liquid volume in cups, pints, quarts, gallons, and liters.		
3.8.a	Estimate and measure the distance around a polygon in order to determine its perimeter using U.S. Customary and metric units.	- Perimeter of Polygons	
3.8.b	Estimate and count the number of square units needed to cover a given surface in order to determine its area.	- Area of Rectangles	- Use Formulas and Multiplication to Find the Area of a Rectangle - Find the Area of a Rectangle
3.9.a	Tell time to the nearest minute, using analog and digital clocks.	- Tell and Write Time in Minutes	- Solve Elapsed Time Word Problems using a Number Line - Tell Time to the Nearest Minute
3.9.b	Solve practical problems related to elapsed time in one-hour increments within a 12-hour period.	-Tell and Write Time in Minutes	- Solve Elapsed Time Word Problems using a Number Line - Tell Time to the Nearest Minute

Grade 3 Math (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
3.9.c	Identify equivalent periods of time and solve practical problems related to equivalent periods of time.	- Tell and Write Time in Minutes	- Solve Elapsed Time Word Problems using a Number Line - Tell Time to the Nearest Minute
3.10	Read temperature to the nearest degree.		
3.11	Identify and draw representations of points, lines, line segments, rays, and angles.		
3.12.a	Define polygon.	- Learn About Shapes	- Identify the Attributes of Flat Shapes - Draw Shapes
3.12.b	Identify and name polygons with 10 or fewer sides.	- Name and Draw Shapes	- Identify 3d Shapes
3.12.c	Combine and subdivide polygons with three or four sides and name the resulting polygon(s).	- Build With Shapes	- Create 3d Shapes
3.13	Identify and describe congruent and noncongruent figures.		
3.14	Investigate and describe the concept of probability as a measurement of chance and list possible outcomes for a single event.		

Grade 3 Math (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Probability and Statistics			
3.15.a	Collect, organize, and represent data in pictographs or bar graphs.	- Represent and Interpret Data	- Solve One and Two Step Comparative Problems about Bar Graphs - Solve One and Two Step Comparative Problems about Pictographs Graphs - Create Bar Graphs with a Scale Larger than 1 to Represent Data
3.15.b	Read and interpret data represented in pictographs and bar graphs.	- Represent and Interpret Data	- Solve One and Two Step Comparative Problems about Bar Graphs - Solve One and Two Step Comparative Problems about Pictographs Graphs - Create Bar Graphs with a Scale Larger than 1 to Represent Data
3.16	Identify, describe, create, and extend patterns found in objects, pictures, numbers and tables.		
3.17	Create equations to represent equivalent mathematical relationships.		

Grade 4 English Language Arts

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Communication and Multimodal Literacies: The student will use effective oral communication skills in a variety of settings.			
4.1.a	Listen actively and speak using appropriate discussion rules.		
4.1.b	Contribute to group discussions across content areas.		
4.1.c	Orally summarize information expressing ideas clearly.		
4.1.d	Ask specific questions to gather ideas and opinions from others.		
4.1.e	Use evidence to support opinions and conclusions.		
4.1.f	Connect comments to the remarks of others.		
4.1.g	Use specific vocabulary to communicate ideas.		
4.1.h	Demonstrate the ability to collaborate with diverse teams, while sharing responsibility for the work.		
4.1.i	Work respectfully with others, and show value for individual contributions.		
Communication and Multimodal Literacies: The student will create and deliver multimodal, interactive presentations.			
4.2.a	Locate, organize, and analyze information from a variety of multimodal texts.		
4.2.b	Speak audibly with appropriate pacing.		

Grade 4 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
4.2.c	Use language and style appropriate to the audience, topic, and purpose.		
4.2.d	Make eye contact with the audience.		
4.2.e	Ask and answer questions to gather or clarify information presented orally.		
Communication and Multimodal Literacies: The student will learn how media messages are constructed and for what purposes.			
4.3.a	Differentiate between auditory, visual, and written media messages and their purposes.	- Compare a Story and Visuals	
4.3.b	Compare and contrast how ideas and topics are depicted in a variety of media and formats.	- Compare and Contrast Themes	
Reading: The student will expand vocabulary when reading.			
4.4.a	Use context to clarify meanings of unfamiliar words.	- Meaning of Words and Phrases	- Use Context Clues to Determine the Meaning of Unknown Words and Phrases
4.4.b	Use knowledge of roots, affixes, synonyms, antonyms, and homophones to determine the meaning of new words.		
4.4.c	Use word-reference materials.		
4.4.d	Use vocabulary from other content areas.		
4.4.e	Develop and use general and specialized vocabulary through speaking, listening, reading, and writing.		

Grade 4 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Reading: The student will read and demonstrate comprehension of fictional texts, literary nonfiction texts, and poetry.			
4.5.a	Describe how the choice of language, setting, and characters contributes to the development of plot.	- Summarize a Text's Main Idea	- Use Key Details from the Text to Summarize a Story - Identify the Theme of a Poem
4.5.b	Identify the theme(s).	- Summarize a Text's Main Idea	- Use Key Details from the Text to Summarize a Story - Identify the Theme of a Poem
4.5.c	Summarize events in the plot.	- Summarize a Text's Main Idea	- Use Key Details from the Text to Summarize a Story - Identify the Theme of a Poem
4.5.d	Identify genres.	- Poems, Drama, and Prose	- Identify the Parts of a Drama - Identify the Structure of a Poem
4.5.e	Identify the narrator of a story and the speaker of a poem.	- Describing Characters	- Describe a Character, Setting, or Event
4.5.f	Identify the conflict and resolution.	- Describing Characters	- Describe a Character, Setting, or Event
4.5.g	Identify sensory words.		
4.5.h	Draw conclusions/make inferences about text using the text as support.	- Inferences Using Evidence	- Make an Inference about a Story

Grade 4 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
4.5.i	Compare/contrast details in literary and informational nonfiction texts.	- Different Points of View	- Identify the Point of View of a Story - Identify Point of View
4.5.j	Identify cause and effect relationships.	- Summarize a Text's Main Idea	- Use Key Details from the Text to Summarize a Story - Identify the Theme of a Poem
4.5.k	Use reading strategies throughout the reading process to monitor comprehension.		
4.5.l	Read with fluency, accuracy, and meaningful expression.		
Reading: The student will read and demonstrate comprehension of nonfiction texts.			
4.6.a	Use text features such as type, headings, and graphics, to predict and categorize information.	- Graphics to Understand a Text	- Interpret the Visuals in a Text - Analyze the Visuals in a Text
4.6.b	Explain the author's purpose.	- Science Texts: Events and Steps - Developing Arguments	- Identify the Cause and Effect in a Text - Identify Cause and Effect Text Structure
4.6.c	Identify the main idea.	- Main Ideas and Details	- Use Details to Find the Main Idea of an Informational Text - Find the Main Idea and Supporting Details in an Informational Text

Grade 4 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
4.6.d	Summarize supporting details.	- Main Ideas and Details	- Use Details to Find the Main Idea of an Informational Text - Find the Main Idea and Supporting Details in an Informational Text
4.6.e	Draw conclusions and make inferences using textual information as support.	- Inferences and Conclusions	- Use Evidence from a Text to Answer Questions - Make Inferences about a Text
4.6.f	Distinguish between cause and effect.	- Describing Text Structure	- Describe the Structure of a Text - Answer Questions about Cause and Effect Text Structure
4.6.g	Distinguish between fact and opinion.		
4.6.h	Use reading strategies throughout the reading process to monitor comprehension.		
4.6.i	Read with fluency, accuracy, and meaningful expression.		
Writing: The student will write in a variety of forms to include narrative, descriptive, opinion, and expository.			
4.7.a	Engage in writing as a process.		
4.7.b	Select audience and purpose.		
4.7.c	Narrow the topic.		
4.7.d	Use a variety of prewriting strategies.		

Grade 4 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
4.7.e	Recognize different forms of writing have different patterns of organization.		
4.7.f	Organize writing to convey a central idea.		
4.7.g	Write a clear topic sentence focusing on the main idea.		
4.7.h	Write related paragraphs on the same topic.		
4.7.i	Elaborate writing by including details to support the purpose.		
4.7.j	Express an opinion about a topic and provide fact-based reasons for support.		
4.7.k	Use transition words and prepositional phrases for sentence variety.		
4.7.l	Utilize elements of style, including word choice and sentence variation.		
4.7.m	Revise writing for clarity of content using specific vocabulary and information.		
Writing: The student will self- and peer-edit writing for capitalization, spelling, punctuation, sentence structure, paragraphing, and Standard English.			
4.8.a	Use subject-verb agreement.		
4.8.b	Eliminate double negatives.		

Grade 4 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
4.8.c	Use noun-pronoun agreement.		
4.8.d	Use commas in series, dates, and addresses.		
4.8.e	Correctly use adjectives and adverbs.		
4.8.f	Use quotation marks with dialogue.		
4.8.g	Use correct spelling including common homophones.		
4.8.h	Use singular possessives.		
Research: The student will demonstrate comprehension of information resources to create a research product.			
4.9.a	Construct questions about a topic.		
4.9.b	Collect and organize information from multiple resources.		
4.9.c	Evaluate the relevance and reliability of information.		
4.9.d	Give credit to sources used in research.		
4.9.e	Avoid plagiarism and use own words.		
4.9.f	Demonstrate ethical use of the Internet.		

Grade 4 Mathematics

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Number and Number Sense			
4.1.a	Read, write, and identify the place and value of each digit in a nine-digit whole number.	- Write and Compare Large Numbers	- Compare Large Numbers using a Place Value Chart - Write Large Numbers in Expanded Form - Use Symbols to Compare Large Numbers
4.1.b	Compare and order whole numbers expressed through millions.	- Write and Compare Large Numbers	- Compare Large Numbers using a Place Value Chart - Write Large Numbers in Expanded Form - Use Symbols to Compare Large Numbers
4.1.c	Round whole numbers expressed through millions to the nearest thousand, ten thousand, and hundred thousand.	- Round Multi-Digit Whole Numbers	- Round Multi-Digit Whole Numbers
4.2.a	Compare and order fractions and mixed numbers, with and without models.	- Comparing Fractions	- Compare Fractions with Different Denominators - Compare Fractions using a Common Denominator - Compare Fractions using Visual Models

Grade 4 Math (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
4.2.b	Represent equivalent fractions.	- Identifying Equivalent Fractions - Explain Equivalent Fractions	- Use Strategies to Identify Equivalent Fractions - Identify Equivalent Fractions using Visual Models - Use a Number Line to Identify Equivalent Fractions - Represent Equivalent Fractions using Visual Models
4.2.c	Identify the division statement that represents a fraction, with models and in context.	- Generating Equivalent Fractions	
4.3.a	Read, write, represent, and identify decimals expressed through thousandths.	- Read/Write Decimals: Thousandths - Compare Decimals to Thousandths	- Identify the Expanded Form of Decimals to the Thousandths - Read Decimals to the Thousandths in Expanded Form - Read and Write Decimals - Compare Two Decimals
4.3.b	Round decimals to the nearest whole number.	- Round Decimals to Any Place	- Round Decimals to Any Place - Round Decimals to Any Place using a Number Line
4.3.c	Compare and order decimals.		
4.3.d	Given a model, write the decimal and fraction equivalents.	- Introducing Decimals	- Convert Decimals to Fractions and Fractions to Decimals

Grade 4 Math (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Computation and Estimation			
4.4.a	Demonstrate fluency with multiplication facts through 12 x 12, and the corresponding division facts.	- Multiply, Divide: 1-5 - Multiply, Divide: 6-10	- Multiply by 2/3/4/5/6/7/8/9 - Practice Multiplying 1-10 - Practice Division Facts - Divide with Fluency
4.4.b	Estimate and determine sums, differences, and products of whole numbers.	-Two-Step Word Problems - Multi-step Word Problems	- Solve Two-Step Word Problems using the Four Operations - Solve Multi-step Word Problems
4.4.c	Estimate and determine quotients of whole numbers, with and without remainders.	- Find Whole Number Quotients -Multi-step Word Problems	- Use Partial Quotients to Divide - Use Visual Models to Divide - Solve Multi-step Word Problems
4.4.d	Create and solve single-step and multistep practical problems involving addition, subtraction, and multiplication, and single-step practical problems involving division with whole numbers.	- Multi-step Word Problems	- Solve Multi-step Word Problems
4.5.a	Determine common multiples and factors, including least common multiple and greatest common factor.	- Prime and Composite Numbers - Factors and Multiples - Common Multiples & Factors	- Identify Numbers 1 through 100 as Prime or Composite - Identify which Numbers between 1 and 100 are Prime - Recognize Factors and Multiples for the Numbers 1 through 100 - Determine Multiples for the Numbers 1 through 100 - Find Factor Pairs for Numbers 1 through 100 - Find the Greatest Common Factor

Grade 4 Math (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
4.5.b	Add and subtract fractions and mixed numbers having like and unlike denominators.	- Add and Subtract Fractions - Add and Subtract Mixed Numbers - Add and Subtract Fractions	- Add and Subtract Fractions with Common Denominators - Add Fractions with a Common Denominator - Add Fractions with unlike Denominators - Use Visuals to Add and Subtract Fractions with unlike Denominators
4.5.c	Solve single-step practical problems involving addition and subtraction with fractions and mixed numbers.	- Add and Subtract Fractions - Add and Subtract Mixed Numbers - Word Problems: Basic Fractions	- Add and Subtract Fractions with Common Denominators - Add Fractions with a Common Denominator - Solve Word Problems involving the Addition and Subtraction of Fractions
4.6.a	Add and subtract with decimals.	- Solving Decimal Equations	- Use Strategies and Standard Algorithm to Add and Subtract Decimal Equations - Divide Decimals using Base Ten Models
4.6.b	Solve single-step and multistep practical problems involving addition and subtraction with decimals.	- Solving Decimal Equations	- Use Strategies and Standard Algorithm to Add and Subtract Decimal Equations - Divide Decimals using Base Ten Models

Grade 4 Math (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Measurement and Geometry			
4.7	Solve practical problems that involve determining perimeter and area in U.S. Customary and metric units.	- Area and Perimeter	- Will use Formulas to Find the Area and Perimeter of a Rectangle
4.8.a	Estimate and measure length and describe the result in U.S. Customary and metric units.	- Measure Length	- Measure Length using a Ruler
4.8.b	Estimate and measure weight/mass and describe the result in U.S. Customary and metric units.		
4.8.c	Given the equivalent measure of one unit, identify equivalent measures of length, weight/mass, and liquid volume between units within the U.S. Customary system.		
4.8.d	Solve practical problems that involve length, weight/mass, and liquid volume in U.S. Customary units.	- Measurement Word Problems	
4.9	Solve practical problems related to elapsed time in hours and minutes within a 12-hour period.	- Tell and Write Time in Minutes	- Solve Elapsed Time Word Problems using a Number Line - Tell Time to the Nearest Minute
4.10.a	Identify and describe points, lines, line segments, rays, and angles, including endpoints and vertices.		
4.10.b	Identify and describe intersecting, parallel, and perpendicular lines.		

Grade 4 Math (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
4.11	Identify, describe, compare, and contrast plane and solid figures according to their characteristics using concrete models and pictorial representations.		
4.12	Classify quadrilaterals as parallelograms, rectangles, squares, rhombi, and/or trapezoids.		
Probability and Statistics			
4.13.a	Determine the likelihood of an outcome of a simple event.	- Predict and Compare Probability	
4.13.b	Represent probability as a number between 0 and 1, inclusive.	- Predict and Compare Probability	
4.13.c	Create a model or practical problem to represent a given probability	- Predict and Compare Probability	
4.14.a	Collect, organize, and represent data in bar graphs and line graphs.	- Fractional Line Plots	- Solve Fractional Line Plot Word Problems
4.14.b	Interpret data represented in bar graphs and line graphs.	- Fractional Line Plots	- Solve Fractional Line Plot Word Problems
4.14.c	Compare two different representations of the same data (e.g., a set of data displayed on a chart and a bar graph, a chart and a line graph, or a pictograph and a bar graph).		
4.15	Identify, describe, create, and extend patterns found in objects, pictures, numbers, and tables.	- Number and Shape Patterns	- Identify the Rule and/or Missing Number in a Pattern
4.16	Recognize and demonstrate the meaning of equality in an equation.	- What is Equal?	

Grade 5 English Language Arts

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Communication and Multimodal Literacies: The student will use effective oral communication skills in a variety of settings.			
5.1.a	Listen actively and speak using appropriate discussion rules with awareness of verbal and nonverbal cues.		
5.1.b	Participate in and contribute to discussions across content areas.		
5.1.c	Summarize information gathered in group activities.		
5.1.d	Orally express ideas clearly in pairs, diverse groups, and whole class settings.		
5.1.e	Use evidence to support opinions and conclusions.		
5.1.f	Summarize the main points a speaker makes, and connect comments to the remarks of others.		
5.1.g	Demonstrate the ability to collaborate with diverse teams, while sharing responsibility for the work.		
5.1.h	Work respectfully with others and show value for individual contributions.		
Communication and Multimodal Literacies: The student will create multimodal presentations that effectively communicate ideas.			
5.2.a	Effectively use verbal and nonverbal communication skills to plan and deliver collaborative and individual, formal and informal interactive presentations.		

Grade 5 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
5.2.b	Maintain eye contact with listeners.		
5.2.c	Organize content sequentially around major ideas.		
5.2.d	Use language and style appropriate to the audience, topic, and purpose.		
5.2.e	Ask and answer questions to gather or clarify information presented orally.		
Communication and Multimodal Literacies: The student will learn how media messages are constructed and for what purposes.			
5.3.a	Identify the purpose and audience of auditory, visual, and written media messages.		
5.3.b	Identify the characteristics and effectiveness of a variety of media messages.		
5.3.c	Compare and contrast techniques used in a variety of media messages.		
Reading: The student will expand vocabulary when reading.			
5.4.a	Use context to clarify meaning of unfamiliar words and phrases.		
5.4.b	Use context and sentence structure to determine meanings and differentiate among multiple meanings of words.		
5.4.c	Use knowledge of roots, affixes, synonyms, antonyms, and homophones to determine the meaning of new words.		

Grade 5 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
5.4.d	Identify an author's use of figurative language.	- Unknown Words and Phrases	- Use Context Clues to Determine the Meaning of Unknown Words and Phrases
5.4.e	Use word-reference materials.		
5.4.f	Develop and use general and specialized content area vocabulary through speaking, listening, reading, and writing.		
Reading: The student will read and demonstrate comprehension of fictional texts, literary nonfiction, and poetry.			
5.5.a	Summarize plot events using details from text.	- Identify Theme Through Characters - Summarizing a Text	- Identify What Should Be Included in a Summary of a Fictional Text - Use Key Details in a Text to Summarize the Story - Identify the Theme of a Poem - Identify the Theme of a Story
5.5.b	Discuss the impact of setting on plot development.	- Explicit Meaning and Inferences - Comparing Story Elements	- Make Inferences - Make Inferences Using Text Evidence - Compare and Contrast Elements in a Story
5.5.c	Describe character development.	- Explicit Meaning and Inferences - Comparing Story Elements	- Make Inferences - Make Inferences Using Text Evidence - Compare and Contrast Elements in a Story

Grade 5 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
5.5.d	Identify theme(s).	- Identify Theme Through Characters - Summarizing a Text	- Identify What Should Be Included in a Summary of a Fictional Text - Use Key Details in a Text to Summarize the Story - Identify the Theme of a Poem - Identify the Theme of a Story
5.5.e	Explain the resolution of conflict(s).	- Identify Theme Through Characters - Summarizing a Text	- Identify What Should Be Included in a Summary of a Fictional Text - Use Key Details in a Text to Summarize the Story - Identify the Theme of a Poem - Identify the Theme of a Story
5.5.f	Identify genres.	- Comparing Similar Texts	
5.5.g	Differentiate between first and third person point-of-view.	- Narrator's Point of View	- Identify the Point of View of a Story
5.5.h	Differentiate between free verse and rhymed poetry.	- Relating Pieces to the Whole - Comparing Similar Texts	- Make Connections Between Stanzas in a Poem
5.5.i	Explain how an author’s choice of vocabulary contributes to the author’s style.	- Narrator's Point of View	- Identify the Point of View of a Story

Grade 5 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
5.5.j	Draw conclusions and make inferences with support from the text.	- Explicit Meaning and Inferences	- Make Inferences - Make Inferences Using Text Evidence
5.5.k	Identify cause and effect relationships.	- Comparing Story Elements	- Compare and Contrast Elements in a Story
5.5.l	Compare/contrast details in literary and informational nonfiction texts.	- Comparing Story Elements	- Compare and Contrast Elements in a Story
5.5.m	Use reading strategies throughout the reading process to monitor comprehension.		
Reading: The student will read and demonstrate comprehension of nonfiction texts.			
5.6.a	Use text features such as type, headings, and graphics, to predict and categorize information.		
5.6.b	Skim materials to develop a general overview of content and to locate specific information.		
5.6.c	Identify the main idea.	- Quotes and Direct Evidence	- Use Quotes to Support Inferences about a Text
5.6.d	Summarize supporting details.	- Quotes and Direct Evidence - Main Idea and Details	- Use Quotes to Support Inferences about a Text - Use Details to Find Two or More Main Ideas in an Informational Text
5.6.e	Identify organizational pattern(s).	- Comparing Text Structure	- Identify the Structure of a Text

Grade 5 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
5.6.f	Identify transitional words and phrases that signal an author's organizational pattern.		
5.6.g	Locate information from the text to support opinions, inferences, and conclusions.	- Quotes and Direct Evidence - Integrate Information	- Use Quotes to Support Inferences about a Text
5.6.h	Identify cause and effect relationships.	- Explain Two Related Ideas	- Explain How Two Ideas are Related
5.6.i	Differentiate between fact and opinion.		
5.6.j	Compare and contrast details and ideas within and between texts.	- Explain Two Related Ideas	- Explain How Two Ideas are Related
5.6.k	Use reading strategies throughout the reading process to monitor comprehension.		
Writing: The student will write in a variety of forms to include narrative, descriptive, expository, and persuasive.			
5.7.a	Engage in writing as a process.		
5.7.b	Select audience and purpose.		
5.7.c	Use a variety of prewriting strategies.		
5.7.d	Introduce and develop a topic, incorporating evidence and supporting details.		
5.7.e	Organize information to convey a central idea.		
5.7.f	Recognize different forms of writing have different patterns of organization including story structure for narrative writing.		

Grade 5 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
5.7.g	Write a clear topic sentence focusing on the main idea.		
5.7.h	Clearly state a position including supporting reasons and evidence to persuade the intended audience.		
5.7.i	Write multi-paragraph compositions.		
5.7.j	Use precise and descriptive vocabulary to create tone and voice.		
5.7.k	Vary sentence structure by using transition words and prepositional phrases.		
5.7.l	Revise writing for clarity of content using specific vocabulary and information.		
Writing: The student will self- and peer-edit writing for capitalization, spelling, punctuation, sentence structure, paragraphing, and Standard English.			
5.8.a	Use plural possessives.		
5.8.b	Use adjective and adverb comparisons.		
5.8.c	Use interjections.		
5.8.d	Use prepositional phrases.		
5.8.e	Use quotation marks with dialogue.		

Grade 5 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
5.8.f	Use commas to indicate interrupters, items in a series, and to indicate direct address.		
5.8.g	Use a hyphen to divide words at the end of a line.		
5.8.h	Edit for fragments and run-on sentences.		
5.8.i	Eliminate double negatives.		
5.8.j	Use correct spelling of commonly used words.		
5.8.k	Use coordinating conjunctions.		
Research: The student will find, evaluate, and select appropriate resources to create a research product.			
5.9.a	Construct questions about a topic.		
5.9.b	Collect and organize information from multiple resources.	- Using Text Features	- Use Text Features to Answer Questions about a Text
5.9.c	Evaluate the relevance, reliability, and credibility of information.		
5.9.d	Give credit to sources used in research.		
5.9.e	Avoid plagiarism and use own words.		
5.9.f	Demonstrate ethical use of the Internet.		

Grade 5 Mathematics

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Number and Number Sense			
5.1	Given a decimal through thousandths, will round to the nearest whole number, tenth, or hundredth.	- Round Decimals to Any Place	- Round Decimals to Any Place - Round Decimals to Any Place Using a Number Line
5.2.a	Represent and identify equivalencies among fractions and decimals, with and without models.	- Explain Equivalent Fractions	- Represent Equivalent Fractions Using Visual Models
5.2.b	Compare and order fractions, mixed numbers, and/or decimals in a given set, from least to greatest and greatest to least.	- Read/Write Decimals: Thousandths - Compare Decimals to Thousandths	- Identify the Expanded Form of Decimals to the Thousandths - Read Decimals to the Thousandths in Expanded Form - Read and Write Decimals - Compare Two Decimals
5.3.a	Identify and describe the characteristics of prime and composite numbers.	- Prime and Composite Numbers - Factors and Multiples	- Identify Numbers 1 Through 100 as Prime or Composite - Identify Which Numbers Between 1 and 100 are Prime - Recognize Factors and Multiples for the Numbers 1 Through 100 - Determine Multiples for the Numbers 1 Through 100 - Find Factor Pairs for 1-100
5.3.b	Identify and describe the characteristics of even and odd numbers.	- Odds and Evens - Number and Shape Patterns	- Practice Identifying Odd and Even Numbers - Make Pairs to See If a Number is Odd or Even - Visually Check If a Number is Odd or Even Based on Pairs - Identify Odd or Even Numbers - Identify the Rule and/or Missing Number in a Pattern

Grade 5 Math (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Computation and Estimation			
5.4	Create and solve single-step and multistep practical problems involving addition, subtraction, multiplication, and division of whole numbers.	- Multi-step Word Problems	- Solve Multi-step Word Problems
5.5.a	Estimate and determine the product and quotient of two numbers involving decimals.		
5.5.b	Create and solve single-step and multistep practical problems involving addition, subtraction, and multiplication of decimals, and create and solve single-step practical problems involving division of decimals.	- Solving Decimal Equations	- Use Strategies and Standard Algorithm to Add and Subtract Decimal Equations - Divide Decimals Using Base Ten Models
5.6.a	Solve single-step and multistep practical problems involving addition and subtraction with fractions and mixed numbers.	- Word Problems: Basic Fractions	- Solve Word Problems Involving the Addition and Subtraction of Fractions
5.6.b	Solve single-step practical problems involving multiplication of a whole number, limited to 12 or less, and a proper fraction, with models.	- Word Problems: Divide Fractions - Word Problems: Mixed Numbers	- Use Fractions to Solve Word Problems - Turn Fractions into Division Problems - Use Strategies to Solve Word Problems with Mixed Numbers (Multiplication)
5.7	Simplify whole number numerical expressions using the order of operations.	- Order of Operations	- Solve Problems Using Order of Operations

Grade 5 Math (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Measurement and Geometry			
5.8.a	Solve practical problems that involve perimeter, area, and volume in standard units of measure.	- Counting Units to Find Volume - Area and Perimeter - Concepts of Volume	- Measure Volume Using Unit Cubes - Use Formulas to Find the Area and Perimeter of a Rectangle - Use Formulas and Strategies to Find the Volume of a Rectangular Prism
5.8.b	Differentiate among perimeter, area, and volume and identify whether the application of the concept of perimeter, area, or volume is appropriate for a given situation.	- Concepts of Volume	- Use Formulas and Strategies to Find the Volume of a Rectangular Prism
5.9.a	Given the equivalent measure of one unit, identify equivalent measurements within the metric system.	- Customary and Metric Measurement	- Convert Units of Time
5.9.b	Solve practical problems involving length, mass, and liquid volume using metric units.	- Converting Measurements	- Convert Units of Metric Length
5.10	Identify and describe the diameter, radius, chord, and circumference of a circle.		
5.11	Solve practical problems related to elapsed time in hours and minutes within a 24-hour period.	- Measurement Word Problems	
5.12	Classify and measure right, acute, obtuse, and straight angles.	- Measuring Angles	
5.13.a	Classify triangles as right, acute, or obtuse and equilateral, scalene, or isosceles.		
5.13.b	Investigate the sum of the interior angles in a triangle; determine an unknown angle.		

Grade 5 Math (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
5.14.a	Recognize and apply transformations, such as translation, reflection, and rotation.		
5.14.b	Investigate and describe the results of combining and subdividing polygons.		
Probability and Statistics			
5.15	Determine the probability of an outcome by constructing a sample space or using the Fundamental (Basic) Counting Principle.	- Predict and Compare Probability	
5.16.a	Given a practical problem, will represent data in line plots and stem-and-leaf plots.	- Displaying Data	
5.16.b	Given a practical problem, will interpret data represented in line plots and stem-and-leaf plots.	- Fractional Line Plots	- Solve Fractional Line Plot Word Problems
5.16.c	Given a practical problem, will compare data represented in a line plot with the same data represented in a stem-and-leaf plot.	- Fractional Line Plots	- Solve Fractional Line Plot Word Problems
5.17.a	Given a practical context, will describe mean, median, and mode as measures of center.	- Summarizing Data Sets	
5.17.b	Given a practical context, will describe mean as fair share.	- Center, Spread and Shape	
5.17.c	Given a practical context, will describe the range of a set of data as a measure of spread.	- Center, Spread and Shape	
5.17.d	Given a practical context, will determine the mean, median, mode, and range of a set of data.	- Measures of Center and Variation	

Grade 5 Math (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Patterns, Functions, and Algebra			
5.18	Identify, describe, create, express, and extend number patterns found in objects, pictures, numbers and tables.	- Number and Shape Patterns	- Identify the Rule and/or Missing Number in a Pattern
5.19.a	Investigate and describe the concept of variable.	- Writing Expressions - Evaluating Expressions with Exponents	- Solve Problems Using Order of Operations - Construct Expressions to Represent Word Problems - Evaluate Exponential Expressions
5.19.b	Write an equation to represent a given mathematical relationship, using a variable.	- Writing Expressions - Evaluating Expressions with Exponents	- Solve Problems Using Order of Operations - Construct Expressions to Represent Word Problems - Evaluate Exponential Expressions
5.19.c	Use an expression with a variable to represent a given verbal expression involving one operation.	- -Writing Expressions - Evaluating Expressions with Exponents	- Solve Problems Using Order of Operations - Construct Expressions to Represent Word Problems - Evaluate Exponential Expressions
5.19.d	Create a problem situation based on a given equation, using a single variable and one operation.	- Writing Expressions	- Construct Expressions to Represent Word Problems

Grade 6 English Language Arts

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Communication and Multimodal Literacies: The student will use effective oral communication skills in a variety of settings.			
6.1.a	Listen actively and speak using appropriate discussion rules with awareness of verbal and nonverbal cues.		
6.1.b	Participate as a facilitator and a contributor in a group.		
6.1.c	Participate in collaborative discussions with partners building on others' ideas.		
6.1.d	Ask questions to clarify the speaker's purpose and perspective.		
6.1.e	Summarize the main points a speaker makes.		
6.1.f	Summarize and evaluate group activities.		
6.1.g	Analyze the effectiveness of participant interactions.		
6.1.h	Evaluate own contributions to discussions.		
6.1.i	Demonstrate the ability to collaborate with diverse teams.		
6.1.j	Work respectfully with others and show value for individual contributions.		

Grade 6 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Communication and Multimodal Literacies: The student will create multimodal presentations that effectively communicate ideas.			
6.2.a	Use effective verbal and nonverbal communication skills to deliver multimodal presentations.		
6.2.b	Use language and vocabulary appropriate to audience, topic, and purpose.		
6.2.c	Give collaborative and individual formal and informal interactive presentations.		
6.2.d	Paraphrase and summarize key ideas of a presentation.		
Communication and Multimodal Literacies: The student will determine the purpose of media messages and examine how they are constructed.			
6.3.a	Compare and contrast techniques used in a variety of media messages.		
6.3.b	Identify the characteristics and effectiveness of a variety of media messages.		
6.3.c	Interpret information presented in diverse media formats and explain how it contributes to the topic.		
6.3.d	Craft and publish audience-specific media messages.	- Author's Argument - Integrate Information	- Integrate Information to Understand a Text

Grade 6 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Reading: The student will read and determine the meanings of unfamiliar words and phrases within authentic texts.			
6.4.a	Identify word origins and derivations.		
6.4.b	Use roots, affixes, synonyms, and antonyms to expand vocabulary.		
6.4.c	Use context and sentence structure to determine meanings and differentiate among multiple meanings of words.		
6.4.d	Identify and analyze the construction and impact of figurative language.		
6.4.e	Use word-reference materials.		
6.4.f	Extend general and cross-curricular vocabulary through speaking, listening, reading, and writing.		
Reading: The student will read and demonstrate comprehension of a variety of fictional texts, literary nonfiction, and poetry.			
6.5.a	Identify the elements of narrative structure, including setting, character, plot, conflict, and theme.	- Introduction to Theme	- Use Key Details from the Text to Determine the Theme or Main Idea of the Story
6.5.b	Describe cause and effect relationships and their impact on plot.	- Plot Development	- Describe the Plot and How Characters Respond to It
6.5.c	Explain how an author uses character development to drive conflict and resolution.	- Plot Development	- Describe the Plot and How Characters Respond to It
6.5.d	Differentiate between first and third person point-of-view.	- Point of View	- Analyze the Point of View of a Poem

Grade 6 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
6.5.e	Describe how word choice and imagery contribute to the meaning of a text.	- Introduction to Text Structure	- Use the Structure of a Text to Identify the Theme
6.5.f	Draw conclusions and make inferences using the text for support.	- Textual Evidence and Inferences	- Use Text Evidence to Make Inferences
6.5.g	Identify the characteristics of a variety of genres.	- Compare and Contrast Genres	
6.5.h	Identify and analyze the author's use of figurative language.		
6.5.i	Compare/contrast details in literary and informational nonfiction texts.	- Compare a Text with a Performance - Compare and Contrast Genres	
6.5.j	Identify transitional words and phrases that signal an author's organizational pattern.	- Point of View	- Analyze the Point of View of a Poem
6.5.k	Use reading strategies to monitor comprehension throughout the reading process.		
Reading: The student will read and demonstrate comprehension of a variety of nonfiction texts.			
6.6.a	Skim materials using text features such as type, headings, and graphics to predict and categorize information.		
6.6.b	Identify main idea.	- Central Idea of a Text	- Use Key Details to Determine the Central Idea of a Text
6.6.c	Summarize supporting details.	- Textual Evidence	- Find Text Evidence - Use Evidence to Make Conclusions About Informational Texts

Grade 6 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
6.6.d	Create an objective summary including main idea and supporting details.	- Central Idea of a Text - Development of an Idea or Event	- Use Key Details to Determine the Central Idea of a Text
6.6.e	Draw conclusions and make inferences based on explicit and implied information.	- Textual Evidence	- Find Text Evidence - Use Evidence to Make Conclusions About Informational Texts
6.6.f	Identify the author's organizational pattern(s).	- Text Structure - Compare and Contrast	
6.6.g	Identify transitional words and phrases that signal an author's organizational pattern.	- Author's Argument	
6.6.h	Differentiate between fact and opinion.		
6.6.i	Identify cause and effect relationships.	- Author's Argument	
6.6.j	Analyze ideas within and between selections providing textual evidence.		
6.6.k	Use reading strategies to monitor comprehension throughout the reading process.		
Writing: The student will write in a variety of forms to include narrative, expository, persuasive, and reflective with an emphasis on narrative and reflective writing.			
6.7.a	Engage in writing as a recursive process.		
6.7.b	Choose audience and purpose.		
6.7.c	Use a variety of prewriting strategies to generate and organize ideas.		

Grade 6 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
6.7.d	Organize writing to fit mode or topic.		
6.7.e	Write narratives to include characters, plot, setting, and point of view.		
6.7.f	Establish a central idea incorporating evidence and maintaining an organized structure.		
6.7.g	Compose a thesis statement for expository and persuasive writing.		
6.7.h	Write multi-paragraph compositions with elaboration and unity.		
6.7.i	Use transition words and phrases.		
6.7.j	Select vocabulary and information to enhance the central idea, tone, and voice.		
6.7.k	Expand and embed ideas by using modifiers, standard coordination, and subordination in complete sentences.		
6.7.l	Revise writing for clarity of content including specific vocabulary and information.		
Writing: The student will self- and peer-edit writing for capitalization, punctuation, spelling, sentence structure, paragraphing, and Standard English.			
6.8.a	Use subject-verb agreement with intervening phrases and clauses.		
6.8.b	Use pronoun-antecedent agreement to include indefinite pronouns.		
6.8.c	Maintain consistent verb tense across paragraphs.		

Grade 6 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
6.8.d	Eliminate double negatives.		
6.8.e	Use quotation marks with dialogue.		
6.8.f	Choose adverbs to describe verbs, adjectives, and other adverbs.		
6.8.g	Use correct spelling for frequently used words.		
6.8.h	Use subordinating and coordinating conjunctions.		
Research: The student will find, evaluate, and select appropriate resources to create a research product.			
6.9.a	Formulate and revise questions about a research topic.		
6.9.b	Collect and organize information from multiple sources.		
6.9.c	Evaluate and analyze the validity and credibility of sources.		
6.9.d	Cite primary and secondary sources.		
6.9.e	Avoid plagiarism by using own words and follow ethical and legal guidelines for gathering and using information.		
6.9.f	Demonstrate ethical use of the Internet.		

Grade 6 Mathematics

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Number and Number Sense			
6.1	Represent relationships between quantities using ratios, and will use appropriate notations, such as a/b , a to b, and a:b.	- Intro. to Ratios	- Complete A Ratio Table
6.2.a	Represent and determine equivalencies among fractions, mixed numbers, decimals, and percents.	- Introducing Decimals - Convert Numbers to Decimals	- Convert Decimals to Fractions and Fractions to Decimals
6.2.b	Compare and order positive rational numbers.		
6.3.a	Identify and represent integers.	- Positive and Negative Numbers - Opposites of Numbers	
6.3.b	Compare and order integers.	- Opposites of Numbers	
6.3.c	Identify and describe absolute value of integers.	- Opposites of Numbers	
6.4	Recognize and represent patterns with whole number exponents and perfect squares.		
Computation and Estimation			
6.5.a	Multiply and divide fractions and mixed numbers.	- Multiplying Fractions - Dividing Fractions and Numbers - Dividing Fractions	- Use Strategies to Multiply Two Fractions - Use Different Strategies to Divide Whole Numbers by Fractions

Grade 6 Math (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
6.5.b	Solve single-step and multistep practical problems involving addition, subtraction, multiplication, and division of fractions and mixed numbers.	- Word Problems: Basic Fractions - Word Problems: Mixed Numbers - Dividing Fractions and Numbers - Dividing Fractions	- Solve Word Problems Involving the Addition and Subtraction of Fractions - Use Strategies to Solve Word Problems with Mixed Numbers (Multiplication) - Use Different Strategies to Divide Whole Numbers by Fractions
6.5.c	Solve multistep practical problems involving addition, subtraction, multiplication, and division of decimals.	- Solving Decimal Equations - Operations with Decimals	- Use Strategies and Standard Algorithm to Add and Subtract Decimal Equations - Divide Decimals Using Base Ten Models - Use the Standard Algorithm to Multiply Decimals
6.6.a	Add, subtract, multiply, and divide integers.	- Add Rational Numbers - Subtract Rational Numbers - Generate Equivalent Expressions	
6.6.b	Solve practical problems involving operations with integers.	- Add Rational Numbers - Multiply Rational Numbers - Generate Equivalent Expressions - Four Operations with Numbers	
6.6.c	Simplify numerical expressions involving integers.	- Evaluating Expressions with Exponents - Generate Equivalent Expressions - Add Rational Numbers - Division of Rational Numbers	- Solve Problems Using Order of Operations - Evaluate Exponential Expressions

Grade 6 Math (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Measurement and Geometry			
6.7.a	Derive π (pi).		
6.7.b	Solve problems, including practical problems, involving circumference and area of a circle.		
6.7.c	Solve problems, including practical problems, involving area and perimeter of triangles and rectangles.	- Area and Perimeter	- Use Formulas to Find the Area and Perimeter of a Rectangle
6.8.a	Identify the components of the coordinate plane.	- Define the Coordinate System	- Plot Ordered Pairs on the Coordinate System
6.8.b	Identify the coordinates of a point and graph ordered pairs in a coordinate plane.	- Graph Points on a Coordinate Plane - Graphing in the Coordinate Plane	- Graph Real World Situations on a Coordinate Plane - Graph Points In All Quadrants on a Coordinate Plane
6.9	Determine congruence of segments, angles, and polygons.		
Probability and Statistics			
6.10.a	Given a practical situation, will represent data in a circle graph.		
6.10.b	Make observations and inferences about data represented in a circle graph.	- Summarizing Data Sets	
6.10.c	Given a practical situation, will compare circle graphs with the same data represented in bar graphs, pictographs, and line plots.	- Summarizing Data Sets	

Grade 6 Math (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
6.11.a	Represent the mean of a data set graphically as the balance point.	- Center, Spread and Shape	
6.11.b	Determine the effect on measures of center when a single value of a data set is added, removed, or changed.		
Patterns, Functions, and Algebra			
6.12.a	Represent a proportional relationship between two quantities, including those arising from practical situations.	- Ratio Tables - Find, Show Proportional Amounts	
6.12.b	Determine the unit rate of a proportional relationship and use it to find a missing value in a ratio table.	- Intro. to Unit Rates - Compute Unit Rates	
6.12.c	Determine whether a proportional relationship exists between two quantities.	- Ratio Tables - Represent Proportions	
6.12.d	Make connections between and among representations of a proportional relationship between two quantities using verbal descriptions, ratio tables, and graphs.	- Find, Show Proportional Amounts	
6.13	Solve one-step linear equations in one variable, including practical problems that require the solution of a one-step linear equation in one variable.	- Evaluating Expressions with Exponents - Solve One Variable Equations	- Solve Problems Using Order of Operations
6.14.a	Represent a practical situation with a linear inequality in one variable.	- Writing Expressions	- Construct Expressions to Represent Word Problems
6.14.b	Solve one-step linear inequalities in one variable, involving addition or subtraction, and graph the solution on a number line.	- Solving Equations - Solving Inequalities	

Grade 7 English Language Arts

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Communication and Multimodal Literacies: The student will participate in and contribute to conversations, group discussions, and oral presentations.			
7.1.a	Use a variety of strategies to listen actively and speak using agreed upon discussion rules with awareness of verbal and nonverbal cues.		
7.1.b	Clearly communicate ideas and information orally in an organized and succinct manner.		
7.1.c	Ask probing questions to seek elaboration and clarification of ideas.		
7.1.d	Participate in collaborative discussions with partners building on others' ideas.		
7.1.e	Make statements to communicate agreement or tactful disagreement with others' ideas.		
7.1.f	Use language and style appropriate to audience, topic, and purpose.		
7.1.g	Give formal and informal presentations in a group or individually, providing evidence to support a main idea.		
7.1.h	Work effectively and respectfully within diverse groups.		
7.1.i	Exhibit willingness to make necessary compromises to accomplish a goal.		
7.1.j	Share responsibility for collaborative work.		

Grade 7 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Communication and Multimodal Literacies: The student will create multimodal presentations both individually and in a group that effectively communicate ideas.			
7.2.a	Select, organize, and create content to complement and extend meaning for a selected topic.		
7.2.b	Use effective verbal and nonverbal communication skills to deliver multimodal presentations.		
7.2.c	Use language and vocabulary appropriate to audience, topic, and purpose.		
7.2.d	Paraphrase and summarize a speaker's key ideas.		
Communication and Multimodal Literacies: The student will examine the elements of media literacy.			
7.3.a	Identify persuasive/informative techniques used in media.		
7.3.b	Distinguish between fact and opinion, and between evidence and inference.		
7.3.c	Describe how word choice, visual images, and sound convey a viewpoint.		
7.3.d	Compare and contrast the effectiveness of techniques in auditory, visual, and written media messages.	- Print vs. Multimedia Text	
7.3.e	Craft and publish audience-specific media messages.		

Grade 7 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Reading: The student will read and determine the meanings of unfamiliar words and phrases within authentic texts.			
7.4.a	Identify word origins and derivations.		
7.4.b	Use roots, affixes, synonyms, and antonyms to expand vocabulary.		
7.4.c	Identify and analyze the construction and impact of figurative language.	- Figurative Language	
7.4.d	Identify connotations.	- Figurative Language	
7.4.e	Use context and sentence structure to determine meanings and differentiate among multiple meanings of words.		
7.4.f	Use word-reference materials to determine meanings and etymology.		
7.4.g	Extend general and cross-curricular vocabulary through speaking, listening, reading, and writing.		
Reading: The student will read and demonstrate comprehension of a variety of fictional texts, literary nonfiction, poetry, and drama.			
7.5.a	Describe the elements of narrative structure including setting, character development, plot, theme, and conflict and how they influence each other.	- Contrasting Point of View	
7.5.b	Identify and explain the theme(s).	- Thematic Development	
7.5.c	Identify cause and effect relationships and their impact on plot.	- Elements of a Short Story	
7.5.d	Differentiate between first and third person point-of-view.	- Contrasting Point of View	
7.5.e	Identify elements and characteristics of a variety of genres.	- Compare Text and Multimedia	

Grade 7 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
7.5.f	Compare and contrast various forms and genres of fictional text.	- Historical Fiction	
7.5.g	Describe the impact of word choice, imagery, and literary devices including figurative language in an author's style.	- Figurative Language	
7.5.h	Compare/contrast details in literary and informational nonfiction texts.	- Text Structure	
7.5.i	Make inferences and draw conclusions based on the text.	- Cite Textual Evidence	
7.5.j	Use reading strategies to monitor comprehension throughout the reading process.		
Reading: The student will read and demonstrate comprehension of a variety of nonfiction texts.			
7.6.a	Skim materials using text features including type, headings, and graphics to predict and categorize information.	- Textual Evidence and Inference	
7.6.b	Identify an author's organizational pattern using textual clues, such as transitional words and phrases.	- Text Structure	
7.6.c	Make inferences and draw logical conclusions using explicit and implied textual evidence.	- Textual Evidence and Inference	
7.6.d	Differentiate between fact and opinion.		
7.6.e	Identify the source, viewpoint, and purpose of texts.	- Text Structure	
7.6.f	Describe how word choice and language structure convey an author's viewpoint.	- Author's Point of View and Goal - Compare Texts, Analyze Arguments	

Grade 7 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
7.6.g	Identify the main idea.	- Central Ideas in a Text	
7.6.h	Summarize text identifying supporting details.	- Central Ideas in a Text	
7.6.i	Create an objective summary including main idea and supporting details.	- Central Ideas in a Text	
7.6.j	Identify cause and effect relationships.	- How Ideas Are Related	
7.6.k	Organize and synthesize information for use in written and other formats.	- Print vs. Multimedia Text	
7.6.l	Analyze ideas within and between selections providing textual evidence.	- How Ideas Are Related - Compare Texts, Analyze Arguments	
7.6.m	Use reading strategies to monitor comprehension throughout the reading process.		
Writing: The student will write in a variety of forms to include narrative, expository, persuasive, and reflective with an emphasis on expository and persuasive writing.			
7.7.a	Engage in writing as a recursive process.		
7.7.b	Choose intended audience and purpose.		
7.7.c	Use a variety of prewriting strategies to generate and organize ideas.		
7.7.d	Organize writing structure to fit form or topic.		
7.7.e	Establish a central idea incorporating evidence, while maintaining an organized structure and a formal style.		
7.7.f	Compose a thesis statement for persuasive writing that includes a position.		

Grade 7 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
7.7.g	Clearly state a position and organize reasons and evidence, using credible sources.		
7.7.h	Distinguish between fact and opinion to support a position.		
7.7.i	Write multi-paragraph compositions with elaboration and unity.		
7.7.j	Use transition words and phrases within and between paragraphs.		
7.7.k	Develop and modify the central idea, tone, and voice to fit the audience and purpose.		
7.7.l	Expand and embed ideas by using modifiers, standard coordination, and subordination in complete sentences.		
7.7.m	Use clauses and phrases for sentence variety.		
7.7.n	Revise writing for clarity of content including specific vocabulary and information.		
Writing: The student will self- and peer-edit writing for capitalization, punctuation, spelling, sentence structure, paragraphing, and Standard English.			
7.8.a	Choose appropriate adjectives and adverbs to enhance writing.		
7.8.b	Use pronoun-antecedent agreement to include indefinite pronouns.		
7.8.c	Use subject-verb agreement with intervening phrases and clauses.		

Grade 7 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
7.8.d	Edit for verb tense consistency and point of view.		
7.8.e	Use quotation marks with dialogue and direct quotations.		
7.8.f	Use correct spelling for commonly used words.		
Research: The student will find, evaluate, and select appropriate resources to create a research product.			
7.9.a	Formulate and revise questions about a research topic.		
7.9.b	Collect, organize, and synthesize information from multiple sources.		
7.9.c	Analyze and evaluate the validity and credibility of resources.		
7.9.d	Quote, summarize, and paraphrase information from primary and secondary sources using proper citations.		
7.9.e	Avoid plagiarism by using own words and follow ethical and legal guidelines for gathering and using information.		
7.9.f	Demonstrate ethical use of the Internet.		

Grade 7 Mathematics

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Number and Number Sense			
7.1.a	Investigate and describe the concept of negative exponents for powers of ten.	- Scientific Notation	
7.1.b	Compare and order numbers greater than zero written in scientific notation.		
7.1.c	Compare and order rational numbers.	- Slope Intercept Form, Triangles	
7.1.d	Determine square roots of perfect squares.	- Square and Cube Roots	
7.1.e	Identify and describe absolute value of rational numbers.	- Absolute Value	
Computation and Estimation			
7.2	Solve practical problems involving operations with rational numbers.	- Multi-Step, Real-World Problems - Subtract Rational Numbers - Division of Rational Numbers - Four Operational Numbers	
7.3	Solve single-step and multistep practical problems, using proportional reasoning.	- Using Ratios to Convert Units - Ratio, Proportion Word Problems	
Measurement and Geometry			
7.4.a	Describe and determine the volume and surface area of rectangular prisms and cylinders.		
7.4.b	Solve problems, including practical problems, involving the volume and surface area of rectangular prisms and cylinders.	- Evaluating Expressions with Exponents	- Solve Problems Using Order of Operations - Evaluate Exponential Expressions

Grade 7 Math (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
7.5	Solve problems, including practical problems, involving the relationship between sides and angles of similar quadrilaterals and triangles.		
7.6.a	Compare and contrast quadrilaterals based on their properties.	- Classifying Quadrilaterals	
7.6.b	Determine unknown side lengths or angle measures of quadrilaterals.		
7.7	Apply translations and reflections of right triangles/rectangles in the coordinate plane.		
Probability and Statistics			
7.8.a	Determine the theoretical and experimental probabilities of an event.	- Probability of a Chance Event - Predict and Compare Probability	
7.8.b	Investigate and describe the difference between the experimental probability and theoretical probability of an event.	- Probability of a Chance Event - Predict and Compare Probability	
7.9.a	Given data in a practical situation, will represent data in a histogram.	- Displaying Data	
7.9.b	Given data in a practical situation, will make observations and inferences about data represented in a histogram.	- Displaying Data - Summarizing Data Sets	
7.9.c	Given data in a practical situation, will compare histograms with the same data represented in stem-and-leaf plots, line plots, and circle graphs.	- Displaying Data - Summarizing Data Sets	
Patterns, Functions, and Algebra			
7.10.a	Determine the slope, m, as rate of change in a proportional relationship between two quantities and write an equation in the form y = mx to represent the relationship.	- Find, Show Proportional Amounts - Represent Proportions - Slope Intercept Form, Triangles	

Grade 7 Math (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
7.10.b	Graph a line representing a proportional relationship between two quantities given the slope and an ordered pair, or equation in y = mx¬ form where m represents the slope as rate of change.	- Relationships and Slope - Slope Intercept Form, Triangles	
7.10.c	Determine the y-intercept, b, in an additive relationship between two quantities and write an equation in the form y = x + b.	- Slope Intercept Form, Triangles	
7.10.d	Graph a line representing an additive relationship between two quantities given the y-intercept and ordered pair, or given the equation in the form y = x + b.		
7.10.e	Make connections between representations of a proportional/ additive relationship between two quantities using verbal descriptions, tables, equations, and graphs.		
7.11	Evaluate algebraic expressions for given replacement values of the variables.	- Evaluate and Generate Expressions with Exponents - Add/Subtract Rational Numbers - Multiply and Divide Rational Numbers - Convert Numbers to Decimals	- Solve Problems Using Order of Operations - Evaluate Exponential Expressions
7.12	Solve two-step linear equations in one variable, including practical problems that require the solution of a two-step linear equation in one variable.	- Write and Evaluate Expressions - Multi-Step, Real-World Problems - Solving Equations - Linear Equation Solutions	- Solve Problems: Order of Operations - Expressions for Word Problems
7.13	Solve one-/two-step linear inequalities in one variable, including practical problems, involving addition, subtraction, multiplication, and division, and graph the result.	- Writing Expressions - Solving Inequalities	- Construct Expressions to Represent Word Problems

Grade 8 English Language Arts

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Communication and Multimodal Literacies: The student will participate in, collaborate in, and report on small-group learning activities.			
8.1.a	Assume responsibility for specific group tasks and share responsibility for collaborative work within diverse teams.		
8.1.b	Exhibit willingness to make necessary compromises to accomplish a goal.		
8.1.c	Collaborate with others to exchange ideas, develop new understandings, make decisions, and solve problems.		
8.1.d	Include all group members, and value individual contributions made by each group member.		
8.1.e	Make statements to communicate agreement or tactful disagreement with others' ideas.		
8.1.f	Use a variety of strategies to listen actively and speak using appropriate discussion rules with awareness of verbal and nonverbal cues.		
8.1.g	Use self-reflection to evaluate one's own role in preparation and participation in small-group activities.		

Grade 8 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Communication and Multimodal Literacies: The student will develop and deliver multimodal, interactive presentations collaboratively and individually.			
8.2.a	Select, organize, and create multimodal content that encompasses opposing points of view.		
8.2.b	Choose vocabulary and tone appropriate to the audience, topic, and purpose.		
8.2.c	Use effective verbal and nonverbal communication skills to deliver multimodal presentations.	- Multi-media and Expository Text	
8.2.d	Cite information sources.		
8.2.e	Respond to audience questions and comments.		
8.2.f	Differentiate between Standard English and informal language.		
8.2.g	Evaluate presentations.		
Communication and Multimodal Literacies: The student will analyze, develop, and produce creative or informational media messages.			
8.3.a	Analyze the purpose of information and persuasive techniques used in diverse media formats.		
8.3.b	Examine how values and viewpoints are included or excluded and how the media can influence beliefs, behaviors, and interpretations.		
8.3.c	Use media and visual literacy skills to create products to express new understandings.		

Grade 8 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
8.3.d	Evaluate sources for relationships between intent and factual content.		
8.3.e	Utilize multimedia to clarify information and emphasize differing points of view.		
8.3.f	Evaluate the motives (e.g., social, commercial, political) behind media presentation(s).		
8.3.g	Demonstrate the ethical use of the Internet when evaluating or producing creative or informational media messages.		
Reading: The student will apply knowledge of word origins, and figurative language to extend vocabulary development within authentic texts.			
8.4.a	Identify and analyze the construction and impact of an author's use of figurative language.	- Word Choice and Meaning	
8.4.b	Use context, structure, and connotations to determine meaning and differentiate among multiple meanings of words and phrases.		
8.4.c	Use roots, affixes, synonyms, and antonyms to determine the meaning(s) of unfamiliar words and technical vocabulary.		
8.4.d	Identify the meaning of common idioms.	- Word Choice and Meaning	
8.4.e	Use word-reference materials to determine meanings and etymology.		
8.4.f	Discriminate between connotative and denotative meanings and interpret the connotation.	- Word Choice and Meaning	

Grade 8 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
8.4.g	Extend general and cross-curricular vocabulary through speaking, listening, reading, and writing.		
Reading: The student will read and analyze a variety of fictional texts, literary nonfiction, poetry, and drama.			
8.5.a	Analyze how authors' development of characters, conflict, point of view, voice, and tone convey meaning.	- Point of View	
8.5.b	Identify cause and effect relationships and their impact on plot.	- Analyze Incidents in a Story	
8.5.c	Explain the development of the theme(s).	- Theme	
8.5.d	Explain the use of symbols and figurative language.		
8.5.e	Make inferences and draw conclusions based on explicit and implied information using references to the text for support.	- Evidence and Inferences	
8.5.f	Identify and analyze characteristics within a variety of genres.	- Comparing Film and Literature	
8.5.g	Compare/contrast details in literary and informational nonfiction texts.	- Fiction: Themes and Patterns	
8.5.h	Compare and contrast the authors' use of word choice, dialogue, form, rhyme, rhythm, and voice in different texts.	- Comparing Text Structure	
8.5.i	Compare and contrast authors' styles.	- Comparing Text Structure	
8.5.j	Use reading strategies to monitor comprehension throughout the reading process.		

Grade 8 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Reading: The student will read, comprehend, and analyze a variety of nonfiction texts.			
8.6.a	Identify an author's organizational pattern using textual clues, such as transitional words and phrases.	- Text Structure	
8.6.b	Apply knowledge of text features and organizational patterns to analyze selections.	- Text Structure	
8.6.c	Skim materials to develop an overview or locate information.	- Textual Evidence and Inferencing	
8.6.d	Make inferences and draw conclusions based on explicit and implied information using evidence from text as support.	- Textual Evidence and Inferencing	
8.6.e	Analyze the author's qualifications, viewpoint, word choice, and impact.	- Text Development - Author's Point of View and Goal	
8.6.f	Analyze details for relevance and accuracy.	- Understand Conflicting Texts	
8.6.g	Differentiate between fact and opinion.		
8.6.h	Identify the main idea.	- Central Idea	
8.6.i	Summarize the text identifying supporting details.	- Central Idea	
8.6.j	Identify cause and effect relationships.	- Understand Conflicting Texts	
8.6.k	Evaluate, organize, and synthesize info.for used in written and other formats.	- Multi-media and Expository Text	
8.6.l	Analyze ideas within and between selections providing textual evidence.	- Understand Conflicting Texts	
8.6.m	Use reading strategies to monitor comprehension throughout the reading process.		

Grade 8 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Writing: The student will write in a variety of forms to include narrative, expository, persuasive, and reflective with an emphasis on expository and persuasive writing.			
8.7.a	Engage in writing as a recursive process.		
8.7.b	Choose intended audience and purpose.		
8.7.c	Use prewriting strategies to generate and organize ideas.		
8.7.d	Organize writing structure to fit form or topic.		
8.7.e	Establish a central idea incorporating evidence, maintaining an organized structure and formal style.		
8.7.f	Compose a thesis statement for persuasive writing that advocates a position.		
8.7.g	Clearly state and defend a position with reasons and evidence, from credible sources.		
8.7.h	Identify a counterclaim and provide a counter-argument.		
8.7.i	Distinguish between fact and opinion to support a position.		
8.7.j	Organize information to provide elaboration and unity.		
8.7.k	Develop and modify the central idea, tone, and voice to fit the audience and purpose.		
8.7.l	Revise writing for clarity of content, word choice, sentence variety, and transitions among paragraphs.		

Grade 8 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Writing: The student will self- and peer-edit writing for capitalization, punctuation, spelling, sentence structure, paragraphing, and Standard English.			
8.8.a	Use and punctuate correctly varied sentence structures to include conjunctions and transition words.		
8.8.b	Correctly use pronouns in prepositional phrases with compound objects.		
8.8.c	Use a variety of sentence structures to infuse sentence variety in writing.		
8.8.d	Maintain consistent verb tense across paragraphs.		
8.8.e	Use comparative and superlative degrees in adverbs and adjectives.		
8.8.f	Use quotation marks with dialogue and direct quotations.		
8.8.g	Use correct spelling for frequently used words.		

Grade 8 ELA (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Research: The student will find, evaluate, select, and synthesize appropriate resources to produce a research product.			
8.9.a	Formulate and revise questions about a research topic.		
8.9.b	Collect and synthesize information from multiple sources.		
8.9.c	Evaluate and analyze the validity and credibility of resources.		
8.9.d	Analyze information gathered from diverse sources by identifying misconceptions, main and supporting ideas, conflicting information, point of view, or bias.		
8.9.e	Cite primary and secondary sources using Modern Language Association (MLA) or American Psychological Association (APA) style.		
8.9.f	Quote, summarize and paraphrase research findings.		
8.9.g	Publish findings and respond to feedback.		
8.9.h	Avoid plagiarism by using own words and follow ethical and legal guidelines for gathering and using information.		
8.9.i	Demonstrate ethical use of the Internet.		

Grade 8 Mathematics

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
Number and Number Sense			
8.1	Compare and order real numbers.		
8.2	Describe the relationships between the subsets of the real number system.	- Convert to Rational Numbers	
8.3.a	Estimate and determine the two consecutive integers between which a square root lies.	- Estimate Irrational Numbers	
8.3.b	Determine both the positive and negative square roots of a given perfect square.	- Square and Cube Roots	
Computation and Estimation			
8.4	Solve practical problems involving consumer applications.	- Ratio, Proportion Word Problems - Four Operations with Numbers - Multi-Step, Real-World Problems	
Measurement and Geometry			
8.5	Use the relationships among pairs of angles that are vertical angles, adjacent angles, supplementary angles, and complementary angles to determine the measure of unknown angles.		
8.6.a	Solve problems, including practical problems, involving volume and surface area of cones and square-based pyramids.	- Evaluating Expressions with Exponents	- Solve Problems Using Order of Operations - Evaluate Exponential Expressions

Grade 8 Math (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
8.6.b	Describe how changing one measured attribute of a rectangular prism affects the volume and surface area.		
8.7.a	Given a polygon, apply transformations, to include translations, reflections, and dilations, in the coordinate plane.		
8.7.b	Identify practical applications of transformations.		
8.8	Construct a three-dimensional model, given the top or bottom, side, and front views.		
8.9.a	Verify the Pythagorean Theorem.	- Square and Cube Roots	
8.9.b	Apply the Pythagorean Theorem.	- Square and Cube Roots	
8.10	Solve area and perimeter problems, including practical problems, involving composite plane figures.		
Probability and Statistics			
8.11.a	Compare and contrast the probability of independent and dependent events.	- Predict and Compare Probability - Probabilities of Compound Events	
8.12.a	Represent numerical data in boxplots.	- Measures of Central Tendency	
8.12.b	Make observations and inferences about data represented in boxplots.	- Measures of Central Tendency	
8.12.c	Compare and analyze two data sets using boxplots.	- Summarizing Data Sets - Measures of Central Tendency	

Grade 8 Math (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
8.13.a	Represent data in scatterplots.	- Construct, Explain Scatter Plots	
8.13.b	Make observations about data represented in scatterplots.	- Construct, Explain Scatter Plots	
8.13.c	Use a drawing to estimate the line of best fit for data represented in a scatterplot.	- Line of Best Fit	
Patterns, Functions, and Algebra			
8.14.a	Evaluate an algebraic expression for given replacement values of the variables.	- Evaluating Expressions with Exponents - Generate Equivalent Expressions	- Solve Problems Using Order of Operations - Evaluate Exponential Expressions
8.14.b	Simplify algebraic expressions in one variable.	- Equivalent Expressions - Solutions to Linear Equations	
8.15.a	Determine whether a given relation is a function.		
8.15.b	Determine the domain and range of a function.		
8.16.a	Recognize and describe the graph of a linear function with a slope that is positive, negative, or zero.		

Grade 8 Math (continued)

SOL Code	Virginia Standard	Quest Title	Small Group Skill Lessons
8.16.b	Identify the slope and y-intercept of a linear function, given a table of values, a graph, or an equation in y = mx + b form.	- Slope Intercept Form, Triangles	
8.16.c	Determine the independent and dependent variable, given a practical situation modeled by a linear function.		
8.16.d	Graph a linear function given the equation in y = mx + b form.		
8.16.e	Make connections between and among representations of a linear function using verbal descriptions, tables, equations, and graphs.		
8.17	Solve multi-step linear equations in one variable with the variable on one or both sides of the equation, including practical problems that require the solution of a multistep linear equation in one variable.	- Writing Expressions - Solving Equations - Solutions to Linear Equations	- Construct Expressions to Represent Word Problems
8.18	Solve multi-step linear inequalities in one variable with the variable on one or both sides of the inequality symbol, including practical problems, and graph the solution on a number line.	- Solving Inequalities	