



SNOOPY™

EXPLORES MATH IN SPORTS

Snoopy Explores Math in Sports
 Grades 3-5 Mathematics and English Language Arts
 Common Core State Standards *

MATHEMATICS STANDARDS			
THIRD GRADE	Activity 1	Activity 2	Activity 3
OPERATIONS & ALGEBRAIC THINKING			
Represent and solve problems involving multiplication and division. <u>CCSS.MATH.CONTENT.3.OA.A.1</u> Interpret products of whole numbers, e.g., interpret 5×7 as the total number of objects in 5 groups of 7 objects each.	√	√	
<u>CCSS.MATH.CONTENT.3.OA.A.2</u> Interpret whole-number quotients of whole numbers, e.g., interpret $56 \div 8$ as the number of objects in each share when 56 objects are partitioned equally into 8 shares, or as a number of shares when 56 objects are partitioned into equal shares of 8 objects each.	√	√	
<u>CCSS.MATH.CONTENT.3.OA.A.3</u> Use multiplication and division within 100 to solve word problems in situations involving equal groups, arrays, and measurement quantities, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.	√	√	
Multiply and divide within 100. <u>CCSS.MATH.CONTENT.3.OA.C.7</u> Fluently multiply and divide within 100, using strategies such as the relationship between multiplication and division (e.g., knowing that $8 \times 5 = 40$, one knows $40 \div 5 = 8$) or properties of operations. By the end of Grade 3, know from memory all products of two one-digit numbers.	√	√	
NUMBER & OPERATIONS IN BASE TEN			
Use place value understanding and properties of operations to perform multi-digit arithmetic <u>CCSS.MATH.CONTENT.3.NBT.A.2</u> Fluently add and subtract within 1000 using strategies and algorithms based on place value, properties of operations, and/or the relationship between addition and subtraction.	√	√	

MEASUREMENT & DATA			
Solve problems involving measurement and estimation. <u>CCSS.MATH.CONTENT.3.MD.A.1</u> Tell and write time to the nearest minute and measure time intervals in minutes. Solve word problems involving addition and subtraction of time intervals in minutes, e.g., by representing the problem on a number line diagram.		√	

FOURTH GRADE	Activity 1	Activity 2	Activity 3
OPERATIONS & ALGEBRAIC THINKING			
Use the four operations with whole numbers to solve problems. <u>CCSS.MATH.CONTENT.4.OA.A.3</u> Solve multistep word problems posed with whole numbers and having whole-number answers using the four operations, including problems in which remainders must be interpreted. Represent these problems using equations with a letter standing for the unknown quantity. Assess the reasonableness of answers using mental computation and estimation strategies including rounding.	√	√	
NUMBER & OPERATIONS IN BASE TEN			
Use place value understanding and properties of operations to perform multi-digit arithmetic. <u>CCSS.MATH.CONTENT.4.NBT.B.4</u> Fluently add and subtract multi-digit whole numbers using the standard algorithm.	√	√	
MEASUREMENT & DATA			
Solve problems involving measurement and conversion of measurements. <u>CCSS.MATH.CONTENT.4.MD.A.2</u> Use the four operations to solve word problems involving distances, intervals of time, liquid volumes, masses of objects, and money, including problems involving simple fractions or decimals, and problems that require expressing measurements given in a larger unit in terms of a smaller unit. Represent measurement quantities using diagrams such as number line diagrams that feature a measurement scale.	√	√	

FIFTH GRADE	Activity 1	Activity 2	Activity 3
OPERATIONS & ALGEBRAIC THINKING			
<p>Write and interpret numerical expressions. <u>CCSS.MATH.CONTENT.5.OA.A.1</u> Use parentheses, brackets, or braces in numerical expressions, and evaluate expressions with these symbols.</p>	√	√	
NUMBER & OPERATIONS IN BASE TEN			
<p>Perform operations with multi-digit whole numbers and with decimals to hundredths. <u>CCSS.MATH.CONTENT.5.NBT.B.5</u> Fluently multiply multi-digit whole numbers using the standard algorithm.</p> <p><u>CCSS.MATH.CONTENT.5.NBT.B.6</u> Find whole-number quotients of whole numbers with up to four-digit dividends and two-digit divisors, using strategies based on place value, the properties of operations, and/or the relationship between multiplication and division. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models.</p> <p><u>CCSS.MATH.CONTENT.5.NBT.B.7</u> Add, subtract, multiply, and divide decimals to hundredths, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method and explain the reasoning used.</p>	√	√	

ENGLISH LANGUAGE ARTS STANDARDS

THIRD GRADE	Activity 1	Activity 2	Activity 3
READING: INFORMATIONAL TEXT			
Key Ideas and Details: <u>CCSS.ELA-LITERACY.RI.3.1</u> Ask and answer questions to demonstrate understanding of a text, referring explicitly to the text as the basis for the answers.	√	√	√
Craft and Structure: <u>CCSS.ELA-LITERACY.RI.3.4</u> Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a grade 3 topic or subject area.	√	√	√
Integration of Knowledge and Ideas: <u>CCSS.ELA-LITERACY.RI.3.7</u> Use information gained from illustrations (e.g., maps, photographs) and the words in a text to demonstrate understanding of the text (e.g., where, when, why, and how key events occur).	√	√	√
READING: FOUNDATIONAL SKILLS			
Phonics and Word Recognition: <u>CCSS.ELA-LITERACY.RF.3.3</u> Know and apply grade-level phonics and word analysis skills in decoding words.	√	√	√
Fluency: <u>CCSS.ELA-LITERACY.RF.3.4</u> Read with sufficient accuracy and fluency to support comprehension.	√	√	√
SPEAKING & LISTENING			
Comprehension and Collaboration: <u>CCSS.ELA-LITERACY.SL.3.1</u> Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 3 topics and texts, building on others' ideas and expressing their own clearly.	√	√	√
LANGUAGE			
Conventions of Standard English: <u>CCSS.ELA-LITERACY.L.3.1</u> Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.	√	√	√
Knowledge of Language: <u>CCSS.ELA-LITERACY.L.3.3</u> Use knowledge of language and its conventions when writing, speaking, reading, or listening.	√	√	√
Vocabulary Acquisition and Use: <u>CCSS.ELA-LITERACY.L.3.4</u> Determine or clarify the meaning of unknown and multiple-meaning word and phrases based on grade 3 reading and content, choosing flexibly from a range of strategies.	√	√	√

FOURTH GRADE	Activity 1	Activity 2	Activity 3
READING: INFORMATIONAL TEXT			
Key Ideas and Details: <u>CCSS.ELA-LITERACY.RI.4.1</u> Refer to details and examples in a text when explaining what the text says explicitly and when drawing inferences from the text.	√	√	√
Craft and Structure: <u>CCSS.ELA-LITERACY.RI.4.4</u> Determine the meaning of general academic and domain-specific words or phrases in a text relevant to a grade 4 topic or subject area.	√	√	√
Integration of Knowledge and Ideas: <u>CCSS.ELA-LITERACY.RI.4.7</u> Interpret information presented visually, orally, or quantitatively (e.g., in charts, graphs, diagrams, time lines, animations, or interactive elements on Web pages) and explain how the information contributes to an understanding of the text in which it appears.	√	√	√
READING: FOUNDATIONAL SKILLS			
Phonics and Word Recognition: <u>CCSS.ELA-LITERACY.RF.4.3</u> Know and apply grade-level phonics and word analysis skills in decoding words.	√	√	√
Fluency: <u>CCSS.ELA-LITERACY.RF.4.4</u> Read with sufficient accuracy and fluency to support comprehension.	√	√	√
SPEAKING & LISTENING			
Comprehension and Collaboration: <u>CCSS.ELA-LITERACY.SL.4.1</u> Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 4 topics and texts, building on others' ideas and expressing their own clearly.	√	√	√
LANGUAGE			
Conventions of Standard English: <u>CCSS.ELA-LITERACY.L.4.1</u> Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.	√	√	√
Knowledge of Language: <u>CCSS.ELA-LITERACY.L.4.3</u> Use knowledge of language and its conventions when writing, speaking, reading, or listening.	√	√	√
Vocabulary Acquisition and Use: <u>CCSS.ELA-LITERACY.L.4.4</u> Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 4 reading and content, choosing flexibly from a range of strategies.	√	√	√

FIFTH GRADE	Activity 1	Activity 2	Activity 3
READING: INFORMATIONAL TEXT			
Key Ideas and Details: <u>CCSS.ELA-LITERACY.RI.5.1</u> Quote accurately from a text when explaining what the text says explicitly and when drawing inferences from the text.	√	√	√
Craft and Structure: <u>CCSS.ELA-LITERACY.RI.5.4</u> Determine the meaning of general academic and domain-specific words or phrases in a text relevant to a grade 5 topic or subject area.	√	√	√
Integration of Knowledge and Ideas: <u>CCSS.ELA-LITERACY.RI.5.7</u> Draw on information from multiple print or digital sources, demonstrating the ability to locate an answer to a question quickly or to solve a problem efficiently.	√	√	√
READING: FOUNDATIONAL SKILLS			
Phonics and Word Recognition: <u>CCSS.ELA-LITERACY.RF.5.3</u> Know and apply grade-level phonics and word analysis skills in decoding words.	√	√	√
Fluency: <u>CCSS.ELA-LITERACY.RF.5.4</u> Read with sufficient accuracy and fluency to support comprehension.	√	√	√
SPEAKING & LISTENING			
Comprehension and Collaboration: <u>CCSS.ELA-LITERACY.SL.5.1</u> Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 5 topics and texts, building on others' ideas and expressing their own clearly.	√	√	√
LANGUAGE			
Conventions of Standard English: <u>CCSS.ELA-LITERACY.L.5.1</u> Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.	√	√	√
Knowledge of Language: <u>CCSS.ELA-LITERACY.L.5.3</u> Use knowledge of language and its conventions when writing, speaking, reading, or listening.	√	√	√
Vocabulary Acquisition and Use: <u>CCSS.ELA-LITERACY.L.5.4</u> Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 5 reading and content, choosing flexibly from a range of strategies.	√	√	√