

ELA

MATH

SCIENCE

### **GRADE 1** NUMBER AND OPERATIONS: BASE TEN **READING: LITERATURE 1NBT.1** 1.RL.1 Reads, writes, and represents numbers up to 120. Asks and answer questions about key details in a text. 1.NBT.2 1.RL.2 Understands place value of ones and tens. Retells stories and demonstrate understanding of their 1.NBT.4 central message. Uses place value or models, adds within 100. 1.RL.4 1.NBT.6 Identifies words and phrases in stories or poems that Uses place value or models, subtracts multiples of suggest feelings or appeal to the senses. 10. 1.RL.5 Explains major differences between books that tell **OPERATIONS AND ALGEBRAIC THINKING** stories and books that give information. 1.0A.1 1.RL.9 Uses addition and subtraction within 20 to solve Compares and contrast the adventures and word problems. experiences of characters in stories. 1.0A.3 Applies properties of operations to add and **READING: INFORMATIONAL TEXT** subtract. 1.RI.1 1.OA.6 Asks and answer questions about key details in a text. Adds and subtracts whole numbers within 20. 1.RI.2 Identifies the main topic and retell key details of a text. MEASUREMENT AND DATA 1.RI.4 1.MD.2 Asks and answer questions to help determine or clarify Measures the length of objects. the meaning of words and phrases in a text. 1.MD.3 1.RI.5 Tells and writes time in hours and half-hours. Knows and use various text features to locate key facts 1.MD.4 or information in a text. Organizes, represents, and interprets, data. 1.RI.9 Identifies basic similarities in and differences between two texts on the same topic.

1.SEP.1
Asking Questions and Defining Problems
1.SEP.2
Developing and Using Models
1.SEP.3
Planning and Carrying Out Investigations
1.SEP.4
Analyzing and Interpreting Data
1.SEP.5
Using Mathematics and Computational Thinking
1.SEP.6
Constructing Explanations and Designing Solutions
1.SEP.8
Obtaining, Evaluating, and Communicating Information



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READING: FOUNDATIONAL SKILLS	GEOMETRY	
1.RF.1	1.G.1	
Demonstrates understanding of the organization and basic features of print.	Distinguishes defining attributes of shapes.	
1.RF.2	1.G.3	
Demonstrates understanding of spoken words,	Partitions circles and rectangles into two and four	
syllables, and sounds. 1.RF.3	equal shares and names them appropriately.	
Knows and apply grade-level phonics and word		
analysis skills in decoding words.		
1.RF.4		
Reads with sufficient accuracy and fluency to support		
comprehension.		
WRITING		
1.W.1		
Writes opinion pieces supporting a point of view.		
1.W.2		
Writes informative/explanatory texts to convey		
information.		
1.W.3		
Writes narratives to develop experiences of events.		
1.W.8		
Recalls information from experiences or gather information from provided sources to answer a		
question.		
question.		
SPEAKING AND LISTENING		
1.SL.1		
Participates in collaborative conversations.		
1.SL.2		
Asks and answer questions about key details in a text		
read aloud or information presented orally or through		
other media.		



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# **GRADE 2**

### **READING: LITERATURE**

### 2.RL.1

Asks and answer such questions as who, what, where, when, why, and how to demonstrate understanding of key details in a text.

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### 2.RL.2

Recounts stories, including fables and folktales from diverse cultures, and determine their central message, lesson, or moral.

### 2.RL.5

Describes the overall structure of a story, including describing how the beginning introduces the story and the ending concludes the action.

### 2.RL.6

Acknowledges differences in the points of view of characters, including by speaking in a different voice for each character when reading dialogue aloud.

### 2.RL.9

Compares and contrast two or more versions of the same story by different authors or from different cultures.

# READING: INFORMATIONAL TEXT

### 2.RI.1

Asks and answer such questions as who, what, where, when, why, and how to demonstrate understanding of key details in a text.

### 2.RI.2

Identifies the main topic of a multi-paragraph text as well as the focus of specific paragraphs within the text.

NUMBER AND OPERATIONS: BASE TEN 2.NBT.1 Understands place value of ones, tens, and hundreds. 2.NBT.2 Counts within 1000; skip-counts by 5s, 10s, and 100s. 2.NBT.3 Reads, writes, and represents numbers up to 1000. 2.NBT.5 Fluently adds and subtracts within 100. 2.NBT.7 Uses place value and models, adds and subtracts within 1000. **OPERATIONS AND ALGEBRAIC THINKING** 2.0A.1 Uses addition and subtraction within 100 to solve word problems. 2.OA.2 Fluently adds and subtracts whole numbers within 20 using mental strategies. 2.0A.4 Uses an array to write an equation to represent the sum. MEASUREMENT AND DATA 2.MD.1

Measures the length of an object by selecting and using appropriate tools.

2.SEP.1
Asking Questions and Defining Problems.
2.SEP.2
Developing and Using Models.
2.SEP.3
Planning and Carrying Out Investigations.
2.SEP.4
Analyzing and Interpreting Data.
2.SEP.5
Using Mathematics and Computational Thinking.
2.SEP.7
Engaging in Argument from Evidence.
2.SEP.8
Obtaining, Evaluating, and Communicating Information.



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2.014	3 MD 3	
2.RI.4	2.MD.3	
Determines the meaning of words and phrases in a	Estimates length using appropriate units.	
text.	<b>2.MD.7</b> Tells and writes time to the nearest five minutes,	
2.RI.5	including a.m. and p.m.	
Knows and use various text features to locate key facts	<b>2.MD.8</b>	
or information in a text efficiently.		
2.RI.6	Solves word problems using dollars and cents. <b>2.MD.10</b>	
Identifies the main purpose of a text, including what the author wants to answer, explain, or describe.	Draws and interprets picture and bar graphs.	
the author wants to answer, explain, or describe.	GEOMETRY	
READING: FOUNDATIONAL SKILLS	2.G.1	
2.RF.3	Recognizes and draws shapes having specified	
Knows and apply grade-level phonics and word	attributes.	
	2.G.3	
analysis skills in decoding words. <b>2.RF.4</b>	Names fractional parts of shapes.	
Reads with sufficient accuracy and fluency to support	Names fractional parts of shapes.	
comprehension.		
comprehension.		
WRITING		
2.W.1		
Writes opinion pieces in which they introduce the		
topic or book they are writing about, state an opinion,		
supply reasons that support the opinion.		
2.W.2		
Writes informative/explanatory texts in which they		
introduce a topic, use facts and definitions to develop		
points, and provide a concluding statement or section.		
2.W.3		
Writes narratives in which they recount a well-		
elaborated event or short sequence of events.		
2.W.8		
Recalls information from experiences or gather		
information from provided sources to answer a		
question.		



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SPEAKING AND LISTENING		
2.SL.1		
Participates in collaborative conversations with diverse		
partners with peers and adults in small and larger		
groups.		
2.SL.2		
Recounts or describe key ideas or details from a text		
read aloud or information presented orally or through		
other media.		
2.SL.4		
Tells a story or recount an experience with appropriate		
facts and relevant, descriptive details, speaking audibly		
in coherent sentences.		
LANGUAGE		
2.L.1		
Demonstrates command of the conventions of		
standard English grammar and usage when writing or		
speaking.		
2.L.2		
Demonstrates command of the conventions of		
standard English capitalization, punctuation, and		
spelling when writing.		
2.L.4		
Determines or clarify the meaning of unknown and		
multiple-meaning words and phrases.		



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## **GRADE 3**

### **READING: LITERATURE**

### 3.RL.1

Asks and answer questions to demonstrate understanding of a text, referring explicitly to the text as the basis for the answers.

### 3.RL.2

Recounts stories, including fables, folktales, and myths from diverse cultures; determine the central message, lesson, or moral and explain how it is conveyed through key details in the text.

### 3.RL.3

Describes characters in a story and explain how their actions contribute to the sequence of events.

### 3.RL.6

Distinguishes their own point of view from that of the narrator or those of the characters.

### 3.RL.9

Compares and contrast the themes, settings, and plots of stories written by the same author about the same or similar characters.

# READING: INFORMATIONAL TEXT 3.RI.1

Asks and answer questions to demonstrate understanding of a text, referring explicitly to the text as the basis for the answers.

### 3.RI.2

Determines the main idea of a text; recount the key details and explain how they support the main idea.

NUMBER AND OPERATIONS: BASE TEN
3.NBT.1
Uses place value to round whole numbers to the
nearest 10 or 100.
3.NBT.2
Fluently adds and subtracts within 1000.
OPERATIONS AND ALGEBRAIC THINKING
3.OA.3
Uses multiplication and division within 100 to
solve word problems.
3.OA.5
Applies properties of operations as strategies to
multiply and divide.
S.OA.7 Fluently multiplies and divides within 100.
3.0A.8
Solves two-step word problems using the four
operations.
operations.
NUMBER AND OPERATIONS: FRACTIONS
3.NF.1
Understands fractions as part of a whole.
3.NF.2
Represents fractions on a number line.
3.NF.3
Compares fractions.

# 1.SEP.1 Asking Questions and Defining Problems. 1.SEP.2 Developing and Using Models. 1.SEP.3 Planning and Carrying Out Investigations. 1.SEP.4 Analyzing and Interpreting Data. 1.SEP.6 Constructing Explanations and Designing Solutions. 1.SEP.7 Engaging in Argument from Evidence. 1.SEP.8

Obtaining, Evaluating, and Communicating Information.



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	MEASUREMENT AND DATA	
cademic and	3.MD.1	

Determines the meaning of general academic ar domain-specific words and phrases in a text.

3.RI.6

3.RI.4

Distinguishes their own point of view from that of the author of a text.

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### 3.RI.7

Uses information gained from illustrations and the words in a text to demonstrate understanding of the text.

### 3.RI.9

Compares and contrast the most important points and key details presented in two texts on the same topic.

# READING: FOUNDATIONAL SKILLS 3.RF.3

Knows and apply grade-level phonics and word analysis skills in decoding words.

### 3.RF.4

Reads with sufficient accuracy and fluency to support comprehension.

### WRITING

3.W.1
Writes opinion pieces on topics or texts, supporting a point of view with reasons.
3.W.2
Writes informative/explanatory texts to examine a topic and convey ideas and information clearly.
3.W.3
Writes narratives to develop real or imagined

experiences or events using effective technique, descriptive details, and clear event sequences.

MEASUREMENT AND DATA
3.MD.1
Tells, writes, measures, and solves problems
involving time to the nearest minute.
3.MD.2
Measures, estimates, and solves problems
involving liquid volume and mass.
3.MD.3
Draws and interprets scaled picture and bar
graphs.
3.MD.4
Measures lengths to the half and fourth of an
inch.
3.MD.5
Understands concepts of area measurement.
3.MD.7
Solves area problems with addition and
multiplication.
3.MD.8
Solves perimeter problems.
GEOMETRY
3.G.1
Categorizes shapes by attributes.



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3.W.8		
Recalls information from experiences or gather		
information from print and digital sources; take brief		

information from print and digital sources; take bri notes on sources and sort evidence into provided categories.

# SPEAKING AND LISTENING 3.SL.1

Engages effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners, building on others' ideas and expressing their own clearly.

### 3.SL.2

Determines the main ideas and supporting details of a text read aloud or information presented in diverse media and formats.

### 3.SL.4

Reports on a topic or text, tell a story, or recount an experience with appropriate facts and relevant, descriptive details, speaking clearly at an understandable pace.

### LANGUAGE

3.L.1

Demonstrates command of the conventions of standard English grammar and usage when writing or speaking.

### 3.L.2

Demonstrates command of the conventions of standard English capitalization, punctuation, and spelling when writing.

### 3.L.4

Determines or clarify the meaning of unknown and multiple-meaning words and phrases.



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denominators.

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# **GRADE 4**

### **READING: LITERATURE**

### 4.RL.1

Refers to details and examples in a text when explaining what the text says explicitly and when drawing inferences from the text.

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### 4.RL.2

Determines a theme of a story, drama, or poem from details in the text; summarize the text.

### 4.RL.3

Describes in depth a character, setting, or event in a story or drama, drawing on specific details in the text. **4.RL.6** 

### Compares and contrast the point of view from which different stories are narrated, including the difference between first- and third-person narrations.

### 4.RL.9

Compares and contrast the treatment of similar themes and topics and patterns of events in stories, myths, and traditional literature from different cultures.

# READING: INFORMATIONAL TEXT 4.RI.1

Refers to details and examples in a text when explaining what the text says explicitly and when drawing inferences from the text.

### 4.RI.2

Determines the main idea of a text and explain how it is supported by key details; summarize the text.

NUMBER AND OPERATIONS: BASE TEN 4.NBT.2 Reads, writes, and compares multi-digit whole numbers. 4.NBT.4 Fluently adds and subtracts multi-digit whole numbers. 4.NBT.5 Multiplies multi-digit whole numbers. 4.NBT.6 Divides whole numbers by one-digit divisors. **OPERATIONS AND ALGEBRAIC THINKING** 4.0A.3 Solves multi-step problems using the four operations. 4.0A.4 Finds all factor pairs for a whole number in the range 1-100. 4.0A.5 Generates a number or shape pattern that follows a given rule. NUMBER AND OPERATIONS: FRACTIONS 4.NF.1 Recognizes and generates equivalent fractions. 4.NF.2 Compares fractions with unlike numerators and unlike denominators. 4.NF.3 Adds and subtracts fractions with like

# 4.SEP.1 Asking Questions and Defining Problems. 4.SEP.2 Developing and Using Models. 4.SEP.3 Planning and Carrying Out Investigations. 4.SEP.4 Analyzing and Interpreting Data. 4.SEP.6 Constructing Explanations and Designing Solutions. 4.SEP.7 Engaging in Argument from Evidence. 4.SEP.8

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4.RI.3	4.NF.6
Explains events, procedures, ideas, or concepts in a	Uses decimal notation for fractions with
historical, scientific, or technical text, including what	denominators 10 or 100.
happened and why, based on specific information in	
the text.	MEASUREMENT AND DATA
4.RI.4	4.MD.1
Determines the meaning of general academic and	Converts units of measurement.
domain-specific words or phrases in a text.	4.MD.2
4.RI.8	Solves problems involving measurement.
Explains how an author uses reasons and evidence to	4.MD.3
support particular points in a text.	Solves problems using area and perimeter.
support particular points in a text.	4.MD.6
READING: FOUNDATIONAL SKILLS	Measures and creates angles using a protractor.
4.RF.3	measures and creates angles using a protractor.
Knows and apply grade-level phonics and word	GEOMETRY
analysis skills in decoding words.	4.G.1
4.RF.4	Draws and identifies lines and angles.
Reads with sufficient accuracy and fluency to support	
comprehension.	
WRITING	
4.W.1	
Writes opinion pieces on topics or texts, supporting a	
point of view with reasons and information.	
4.W.2	
Writes informative/explanatory texts to examine a	
topic and convey ideas and information clearly.	
4.W.3	
Writes narratives to develop real or imagined	
experiences or events using effective technique,	
descriptive details, and clear event sequences.	



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### 4.W.8

Recalls relevant information from experiences or gather relevant information from print and digital sources; take notes and categorize information, and provide a list of sources.

### SPEAKING AND LISTENING 4.SL.1

Engages effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners, building on others' ideas and expressing their own clearly.

### 4.SL.2

Paraphrases portions of a text read aloud or information presented in diverse media and formats. **4.SL.4** 

Reports on a topic or text, tell a story, or recount an experience in an organized manner, using appropriate facts and relevant, descriptive details to support main ideas or themes; speak clearly at an understandable pace.

### LANGUAGE

### 4.L.1

Demonstrates command of the conventions of standard English grammar and usage when writing or speaking.

### 4.L.2

Demonstrates command of the conventions of standard English capitalization, punctuation, and spelling when writing.

### 4.L.4

Determines or clarify the meaning of unknown and multiple-meaning words and phrases.



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GRADE 5		
<ul> <li>READING: LITERATURE</li> <li>S.RL.2</li> <li>Determines a theme of a story, drama, or poem from details in the text, including how characters in a story or drama respond to challenges or how the speaker in a poem reflects upon a topic; summarize the text.</li> <li>S.RL.3</li> <li>Compares and contrast two or more characters, settings, or events in a story or drama, drawing on specific details in the text (e.g., how characters interact).</li> <li>S.RL.4</li> <li>Determines the meaning of words and phrases as they are used in a text, including figurative language such as metaphors and similes.</li> <li>S.RL.5</li> <li>Explains how a series of chapters, scenes, or stanzas fits together to provide the overall structure of a particular story, drama, or poem.</li> <li>S.RL.6</li> <li>Describes how a narrator's or speaker's point of view influences how events are described.</li> <li>READING: INFORMATIONAL TEXT</li> <li>S.RL.2</li> <li>Determines two or more main ideas of a text and explain how they are supported by key details; summarize the text.</li> </ul>	<ul> <li>NUMBER AND OPERATIONS: BASE TEN</li> <li>S.NBT.2</li> <li>Uses whole number exponents to denote powers of ten.</li> <li>S.NBT.5</li> <li>Fluently multiplies multi-digit whole numbers.</li> <li>S.NBT.6</li> <li>Divides whole numbers by up to two-digit divisors.</li> <li>S.NBT.7</li> <li>Computes decimals to the hundredths' place using four operations.</li> <li>OPERATIONS AND ALGEBRAIC THINKING</li> <li>S.OA.1</li> <li>Uses parentheses, brackets, or braces in numerical expressions.</li> <li>S.OA.2</li> <li>Writes and interprets simple expressions.</li> <li>S.NF.1</li> <li>Adds and subtracts fractions with unlike denominators.</li> <li>S.NF.2</li> <li>Solves problems involving addition and subtraction of fractions.</li> <li>S.NF.4</li> <li>Multiplies fractions.</li> <li>S.NF.6</li> <li>Solves problems involving multiplication of fractions.</li> </ul>	<ul> <li><b>5.SEP.2</b></li> <li>Developing and Using Models.</li> <li><b>5.SEP.3</b></li> <li>Planning and Carrying Out Investigations.</li> <li><b>5.SEP.4</b></li> <li>Analyzing and Interpreting Data.</li> <li><b>5.SEP.5</b></li> <li>Using Mathematics and Computational Thinking.</li> <li><b>5.SEP.7</b></li> <li>Engaging in Argument from Evidence.</li> <li><b>5.SEP.8</b></li> <li>Obtaining, Evaluating, and Communicating Information.</li> </ul>



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### 5.RI.3

Explains the relationships or interactions between two or more individuals, events, ideas, or concepts in a historical, scientific, or technical text based on specific information in the text.

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### 5.RI.4

Determines the meaning of general academic and domain-specific words and phrases in a text relevant to a grade 5 topic or subject area.

### 5.RI.5

Compares and contrast the overall structure (e.g., chronology, comparison, cause/effect, problem/solution) of events, ideas, concepts, or information in two or more texts.

### 5.RI.8

Explains how an author uses reasons and evidence to support particular points in a text, identifying which reasons and evidence support which point(s).

### 5.RI.9

Integrates information from several texts on the same topic in order to write or speak about the subject knowledgeably.

# READING: FOUNDATIONAL SKILLS 5.RF.3

Knows and apply grade-level phonics and word analysis skills in decoding words.

### 5.RF.4

Reads with sufficient accuracy and fluency to support comprehension.

### 5.NF.7

Divides fractions.

### MEASUREMENT AND DATA

5.MD.1Converts units of measurement.5.MD.5Solves problems involving volume.

### GEOMETRY

5.G.1Graphs points on a coordinate plane.5.G.4Classifies two-dimensional figures.



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WRITING	
5.W.1	
Writes opinion pieces on topics or texts, supporting a	
point of view with reasons and information.	
5.W.2	
Writes informative/explanatory texts to examine a	
topic and convey ideas and information clearly.	
5.W.3	
Writes narratives to develop real or imagined	
experiences or events using effective technique,	
descriptive details, and clear event sequences.	
5.W.8	
Recalls relevant information from experiences or	
gather relevant information from print and digital	
sources; summarize or paraphrase information in	
notes and finished work, and provide a list of sources.	
5.W.9	
Draws evidence from literary or informational texts to	
support analysis, reflection, and research.	
SPEAKING AND LISTENING	
5.SL.1	
Engages effectively in a range of collaborative	
discussions (one-on-one, in groups, and teacher-led)	
with diverse partners, building on others' ideas and	
expressing their own clearly.	
5.SL.2	
Summarizes a written text read aloud or information	
presented in diverse media and formats.	
5.SL.3	
Summarizes the points a speaker makes and explain	
how each claim is supported by reasons and evidence.	



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5.SL.4		
Reports on a topic or text or present an opinion,		
sequencing ideas logically and using appropriate facts		
and relevant, descriptive details to support main ideas		
or themes; speak clearly at an understandable pace.		
LANGUAGE		
5.L.1		
Demonstrates command of the conventions of		
standard English grammar and usage when writing or		
speaking.		
5.L.2		
Demonstrates command of the conventions of		
standard English capitalization, punctuation, and		
spelling when writing.		
5.L.4		
Determines or clarify the meaning of unknown and		
multiple-meaning words and phrases. 5.L.5		
Demonstrates understanding of figurative language,		
word relationships, and nuances in word meanings.		
word relationships, and nutrices in word meanings.		



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GRADE 6		
READING: LITERATURE 6.RL.1 Cite textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text. 6.RL.2 Determine a theme or central idea of a text and how it is conveyed through particular details; provide a summary of the text distinct from personal opinions or judgments. 6.RL.4 Determine the meaning of words and phrases as they are used in a text, including figurative and connotative meanings; analyze the impact of a specific word choice on meaning and tone. 6.RL.5 Analyze how a particular sentence, chapter, scene, or stanza fits into the overall structure of a text and contributes to the development of the theme, setting, or plot. 6.RL.9 Compare and contrast texts in different forms or genres in terms of their approaches to similar themes and topics. READING: INFORMATIONAL TEXT 6.RI.1 Cite textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text.	<ul> <li>RATIOS AND PROPORTIONAL RELATIONSHIPS 6.RP.3 Uses ratio and rate reasoning to solve problems.</li> <li>THE NUMBER SYSTEM 6.NS.2 Fluently divides multi-digit numbers.</li> <li>6.NS.3 Fluently uses four operations on multi-digit decimals.</li> <li>6.NS.5 Use positive and negative numbers to represent quantities.</li> <li>6.NS.7 Orders and finds absolute value of rational numbers.</li> <li>6.NS.8 Graphs points in all four quadrants of the coordinate plane.</li> <li>EXPRESSIONS AND EQUATIONS 6.EE.2 Reads, writes, and evaluates expressions that may include variables and exponents.</li> <li>6.EE.7 Write and solve equations with one variable.</li> <li>GEOMETRY 6.G.1 Solve problems using area of complex polygons.</li> </ul>	<ul> <li>MS.SEP.1</li> <li>Asking Questions and Defining Problems.</li> <li>MS.SEP.2</li> <li>Developing and Using Models.</li> <li>MS.SEP.3</li> <li>Planning and Carrying Out Investigations.</li> <li>MS.SEP.4</li> <li>Analyzing and Interpreting Data.</li> <li>MS.SEP.5</li> <li>Using Mathematics and Computational Thinking.</li> <li>MS.SEP.6</li> <li>Constructing Explanations and Designing Solutions.</li> <li>MS.SEP.7</li> <li>Engaging in Argument from Evidence.</li> <li>MS.SEP.8</li> <li>Obtaining, Evaluating, and Communicating Information</li> </ul>



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<ul> <li>6.RI.2</li> <li>Determine a central idea of a text and how it is conveyed through particular details; provide a summary of the text distinct from personal opinions or judgments.</li> <li>6.RI.3</li> <li>Analyze in detail how a key individual, event, or idea is introduced, illustrated, and elaborated in a text.</li> <li>6.RI.4</li> <li>Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings.</li> <li>6.RI.8</li> <li>Trace and evaluate the argument and specific claims in a text, distinguishing claims that are supported by reasons and evidence from claims that are not.</li> <li>6.RI.9</li> <li>Compare and contrast one author's presentation of</li> </ul>	<ul> <li>6.G.2</li> <li>Solves problems using volume, including with fractional lengths.</li> <li>STATISTICS AND PROBABILITY</li> <li>6.SP.4</li> <li>Displays numerical data in plots.</li> <li>6.SP.5</li> <li>Summarizes numerical data with statistics.</li> </ul>	
<ul> <li>events with that of another.</li> <li>WRITING</li> <li>6.W.1</li> <li>Write arguments to support claims with clear reasons and relevant evidence.</li> <li>6.W.2</li> <li>Write informative/explanatory texts to examine a topic and convey ideas, concepts, and information through the selection, organization, and analysis of relevant content.</li> <li>6.W.3</li> <li>Write narratives to develop real or imagined experiences or events using effective technique, relevant descriptive details, and well-structured event sequences.</li> </ul>		



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### 6.W.8

Gather relevant information from multiple print and digital sources; assess the credibility of each source; quote or paraphrase; providing basic bibliographic information for sources and avoiding plagiarism. **6.W.9** 

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Draw evidence from literary or informational texts to support analysis, reflection, and research.

## SPEAKING AND LISTENING

### 6.SL.1

Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led), building on others' ideas and expressing their own clearly.

### 6.SL.2

Interpret information presented in diverse media and formats and explain how it contributes to a topic, text, or issue under study.

### 6.SL.3

Delineate a speaker's argument and specific claims, distinguishing claims that are supported by reasons and evidence from claims that are not.

### 6.SL.4

Present claims and findings, sequencing ideas logically and using pertinent descriptions, facts, and details to accentuate main ideas or themes; use appropriate eye contact, adequate volume, and clear pronunciation.

### LANGUAGE

### 6.L.1

Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.



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<ul> <li>6.L.2</li> <li>Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing.</li> <li>6.L.3</li> <li>Use knowledge of language and its conventions when writing, speaking, reading, or listening.</li> <li>6.L.4</li> <li>Determine or clarify the meaning of unknown and multiple-meaning words and phrases.</li> <li>6.L.5</li> <li>Demonstrate understanding of figurative language, word relationships, and nuances in word meanings.</li> </ul>		



ELA

### MATH

SCIENCE

# **GRADE 7**

### **READING: LITERATURE**

### 7.RL.1

Cites several pieces of textual evidence to support analysis of what the text says explicitly, as well as inferences drawn from the text.

### 7.RL.2

Determines a theme or central idea of a text and analyze its development over the course of the text; provide an objective summary of the text.

### 7.RL.3

Analyzes how particular elements of a story or drama interact.

### 7.RL.4

Determines the meaning of words and phrases as they are used in a text, including figurative and connotative meanings; analyze the impact of rhymes and other repetitions of sounds on a specific verse or stanza of a poem or section of a story or drama.

### 7.RL.9

Compares and contrast a fictional portrayal of a time, place, or character and a historical account of the same period as a means of understanding how authors of fiction use or alter history.

### **READING: INFORMATIONAL TEXT**

### 7.RI.1

Cites several pieces of textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text.

### RATIOS AND PROPORTIONAL RELATIONSHIPS 7.RP.3 Solves multistep ratio and percent problems.

### THE NUMBER SYSTEM 7.NS.1 Adds and subtracts rational numbers. 7.NS.2 Multiplies and divides rational numbers. 7.NS.3 Solves problems with rational numbers.

### **EXPRESSIONS AND EQUATIONS**

# 7.EE.1

Adds, subtracts, factors, and expands linear expressions.

### 7.EE.3

Solves multi-step problems posed with positive and negative rational numbers.

### 7.EE.4

Constructs equations and inequalities to solve problems.

### GEOMETRY

7.G.1

Solves problems involving scale drawings of geometric figures. **7.G.4** Solves problems involving circumference and area of circles.

MS.SEP.1 Asking Questions and Defining Problems. MS.SEP.2 Developing and Using Models. MS.SEP.3 Planning and Carrying Out Investigations. MS.SEP.4 Analyzing and Interpreting Data. MS.SEP.5 Using Mathematics and Computational Thinking. MS.SEP.6 Constructing Explanations and Designing Solutions. MS.SEP.7 Engaging in Argument from Evidence. MS.SEP.8 Obtaining, Evaluating, and Communicating Information.



### ELA

MATH

SCIENCE

### 7.RI.2

Determines two or more central ideas in a text and analyze their development over the course of the text; provide an objective summary of the text.

### 7.RI.3

Analyzes the interactions between individuals, events, and ideas in a text.

### 7.RI.4

Determines the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze the impact of a specific word choice on meaning and tone.

### 7.RI.8

Traces and evaluate the argument and specific claims in a text, assessing whether the reasoning is sound and the evidence is relevant and sufficient to support the claims.

### 7.RI.9

Analyzes how two or more authors writing about the same topic shape their presentations of key information by emphasizing different evidence or advancing different interpretations of facts.

### WRITING

### 7.W.1

Writes arguments to support claims with clear reasons and relevant evidence.

### 7.W.2

Writes informative/explanatory texts to examine a topic and convey ideas, concepts, and information through the selection, organization, and analysis of relevant content.

### 7.G.5

Writes and solves equations to find unknown angles.

### 7.G.6

Solves problems involving area, volume, and surface area of two-dimensional and three-dimensional objects.

### STATISTICS AND PROBABILITY

7.SP.4

Uses statistics to draw conclusions. **7.SP.8** Finds probabilities of compound events.



ELA	MATH	SCIENCE
7.W.3		
Writes narratives to develop real or imagined		
experiences or events using effective technique,		
relevant descriptive details, and well-structured event		
sequences.		
7.W.8		
Gathers relevant information from multiple print and		
digital sources, using search terms effectively; assess		
the credibility and accuracy of each source; quote or		
paraphrase; following a standard format for citation		
and avoiding plagiarism.		
7.W.9		
Draws evidence from literary or informational texts to		
support analysis, reflection, and research.		
SPEAKING AND LISTENING		
7.SL.1		
Engages effectively in a range of collaborative		
discussions (one-on-one, in groups, and teacher-led),		
building on others' ideas and expressing their own		
clearly.		
7.SL.2		
Analyzes the main ideas and supporting details		
presented in diverse media and formats and explain		
how the ideas clarify a topic, text, or issue under study.		
7.SL.3		
Delineates a speaker's argument and specific claims,		
evaluating the soundness of the reasoning and the		
relevance and sufficiency of the evidence. 7.SL.4		
7.5L.4 Presents claims and findings, emphasizing salient		
points in a focused, coherent manner with pertinent		
descriptions, facts, details, and examples; use		
appropriate eye contact, adequate volume, and clear		
pronunciation.		



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MATH

LANGUAGE				
7.L.1				
Demonstrates command of the conventions of				
standard English grammar and usage when writing or				
speaking.				
7.L.2				
Demonstrates command of the conventions of				
standard English capitalization, punctuation, and				
spelling when writing.				
7.L.3				
Uses knowledge of language and its conventions when				
writing, speaking, reading, or listening.				
7.L.4				
Determines or clarify the meaning of unknown and				
multiple-meaning words and phrases.				
7.L.5				
Demonstrates understanding of figurative language,				
word relationships, and nuances in word meanings.				
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ELA

### MATH

SCIENCE

# **GRADE 8**

### **READING: LITERATURE**

### 8.RL.1

Cites the textual evidence that most strongly supports an analysis of what the text says explicitly as well as inferences drawn from the text.

### 8.RL.2

Determines a theme or central idea of a text and analyze its development over the course of the text, including its relationship to the characters, setting, and plot; provide an objective summary of the text.

### 8.RL.3

Analyzes how particular lines of dialogue or incidents in a story or drama propel the action, reveal aspects of a character, or provoke a decision.

### 8.RL.4

Determines the meaning of words and phrases as they are used in a text, including figurative and connotative meanings; analyze the impact of specific word choices on meaning and tone, including analogies or allusions to other texts.

### 8.RL.5

Compares and contrast the structure of two or more texts and analyze how the differing structure of each text contributes to its meaning and style.

### **READING: INFORMATIONAL TEXT**

### 8.RI.1

Cites the textual evidence that most strongly supports an analysis of what the text says explicitly as well as inferences drawn from the text.

### FUNCTIONS

8.F.3
Interprets equations in slope-intercept form.
8.F.4
Creates functions to model linear relationships.
8.F.5
Uses functions to describe relationships between two quantities.

THE NUMBER SYSTEM 8.NS.2 Uses rational approximations of irrational numbers.

EXPRESSIONS AND EQUATIONS 8.EE.2 Uses and evaluate square roots and cube roots. 8.EE.4 Performs operations with numbers expressed in scientific notation. 8.EE.5 Graphs proportional relationships. 8.EE.8 Analyzes and solves pairs of simultaneous linear equations.

### GEOMETRY

**8.G.3** Describes the effect of dilations, translations, rotations, and reflections.

MS.SEP.1 Asking Questions and Defining Problems. MS.SEP.2 Developing and Using Models. MS.SEP.3 Planning and Carrying Out Investigations. MS.SEP.4 Analyzing and Interpreting Data. MS.SEP.5 Using Mathematics and Computational Thinking. MS.SEP.6 Constructing Explanations and Designing Solutions. MS.SEP.7 Engaging in Argument from Evidence. MS.SEP.8 Obtaining, Evaluating, and Communicating Information.



# MATH

ELA

8.RI.2	8.G.5
Determines a central idea of a text and analyze its	Justifies facts about angle relationships.
development over the course of the text, including its	sustines lacts about angle relationships.
relationship to supporting ideas; provide an objective	
summary of the text.	8.G.7
8.RI.3	Applies the Pythagorean Theorem to determine
Analyzes how a text makes connections among and	unknown side lengths. 8.G.8
distinctions between individuals, ideas, or events.	
8.RI.4	Applies the Pythagorean Theorem to find
Determines the meaning of words and phrases as they	distances.
are used in a text, including figurative, connotative,	8.G.9
and technical meanings; analyze the impact of specific	Solves problems using the formulas for the
word choices on meaning and tone, including	volumes of cones, cylinders, and spheres.
analogies or allusions to other texts.	
8.RI.8	STATISTICS AND PROBABILITY
Delineates and evaluate the argument and specific	8.SP.1
claims in a text, assessing whether the reasoning is	Constructs and interprets scatter plots.
sound and the evidence is relevant and sufficient;	8.SP.3
recognize when irrelevant evidence is introduced.	Uses the equation of a linear model to solve
8.RI.9	problems.
Analyzes a case in which two or more texts provide	
conflicting information on the same topic and identify	
where the texts disagree on matters of fact or	
interpretation.	
WRITING	
8.W.1	
Writes arguments to support claims with clear reasons	
and relevant evidence.	
8.W.2	
Writes informative/explanatory texts to examine a	
topic and convey ideas, concepts, and information	
through the selection, organization, and analysis of	
relevant content.	



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MATH

SCIENCE

### 8.W.3

Writes narratives to develop real or imagined experiences or events using effective technique, relevant descriptive details, and well-structured event sequences.

### 8.W.8

Gathers relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; quote or paraphrase; following a standard format for citation and avoiding plagiarism.

### 8.W.9

Draws evidence from literary or informational texts to support analysis, reflection, and research.

# SPEAKING AND LISTENING

### 8.SL.1

Engages effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners, building on others' ideas and expressing their own clearly.

### 8.SL.2

Analyzes the purpose of information presented in diverse media and formats and evaluate the motives behind its presentation.

### 8.SL.3

Delineates a speaker's argument and specific claims, evaluating the soundness of the reasoning and relevance and sufficiency of the evidence and identifying when irrelevant evidence is introduced.



8.SL.4	
Presents claims and findings, emphasizing salient points in a focused, coherent manner with relevant evidence, sound valid reasoning, and well-chosen details; use appropriate eye contact, adequate volume, and clear pronunciation. LANGUAGE 8.L.1 Demonstrates command of the conventions of standard English grammar and usage when writing or speaking. 8.L.2 Demonstrates command of the conventions of standard English capitalization, punctuation, and spelling when writing. 8.L.3 Uses knowledge of language and its conventions when writing, speaking, reading, or listening. 8.L.4 Determines or clarify the meaning of unknown and multiple-meaning words and phrases. 8.L.5 Demonstrates understanding of figurative language, word relationships, and nuances in word meanings.	