

# PERFORMANCE DESCRIPTORS FOR MASTERY

## 5TH GRADE ENGLISH LANGUAGE ARTS

### Reading:

#### Performance Descriptors

##### Mastery

Fifth grade students at mastery level in reading:

determine theme, compare and contrast two or more characters, settings or events drawing on details in a literary text; determine two or more main ideas and explain the relationships/interactions between individuals, events, ideas or concepts based on specific information in informational text and quote accurately from literary and informational text;

determine the meaning of figurative language; compare and contrast overall structure of two or more literary and informational texts; analyze multiple accounts of the same event or topic and note similarities and differences in point of view; explain how chapters, scenes or stanzas fit together;

draw on information from multiple print and digital sources; demonstrate the ability to locate answers quickly and efficiently; identify reasons and evidence that support points made by an author; analyze how visual and multimedia elements contribute to meaning, tone or beauty of a text; compare and contrast stories in the same genre;

read and comprehend literary and informational text in the grades 4-5 text complexity band independently and proficiently;

apply grade level phonics analysis skills to decode words;

read on level prose and poetry accurately and fluently to support comprehension.

### Writing:

#### Performance Descriptors

##### Mastery

Fifth grade students at mastery level in writing:

develop opinion and informative/explanatory texts organized to a specific topic in a clear, logical order; transition from the topic to supporting details using appropriate language and domain-specific vocabulary; provide a concluding statement related to the information; write narratives that orient the reader by establishing a situation; use concrete words and phrases using narrative techniques such as pacing and dialogue to show characters' response to situations;

with guidance and collaboration, organize and produce clear, coherent writings appropriate for task and audience; strengthen writing by editing, revising, rewriting; use technology, including the Internet, to produce and publish;

use several sources to conduct short research projects, summarize and paraphrase gathered information in notes, use evidence to support analysis and research and provide a list of sources in the finished work;

write over extended time frames for research-based projects and shorter time frames for specific tasks, purposes and audiences.

### Speaking and Listening:

#### Performance Descriptors

##### Mastery

Fifth grade students at mastery level in speaking and listening:

come prepared to a collaborative discussion and draw from information read or studied; summarize a written text and points a speaker makes and explain how each claim is supported; make comments, elaborate on the remarks of others and draw conclusions based on new information;

report on a topic or present an opinion using a logical sequence of events; adapt speech to a variety of contexts and tasks; support the main idea with appropriate facts and sufficient details; speak clearly and enhance presentation with multimedia and visual displays.

### Language:

#### Performance Descriptors

##### Mastery

Fifth grade students at mastery level in language:

explain function of conjunctions, prepositions and interjections; form and use the perfect verb tenses; use commas to set off items in a series, introductory elements, tag questions and to indicate direct address;

expand, combine and reduce sentences for meaning, interest and style while comparing and contrasting language used in stories, dramas or poems and differentiate between formal and informal situations;

interpret figurative language and use the relationship between particular words to better understand each; acquire and use general academic and domain-specific words and phrases that signal contrast, addition and other logical relationships.

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## 5TH GRADE MATHEMATICS

### Operations and Algebraic Thinking:

#### Performance Descriptors

##### Mastery

Fifth grade students at the mastery level in mathematics:

evaluate expressions, interpret the meaning of more complex expressions without evaluating them and translate verbal phrases into numerical expressions;

analyze rules and patterns, the numerical relationship between the terms of those patterns and represent the relationship of those terms on a coordinate graph.

### Mathematical Practices:

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

### Number and Operations in Base 10:

#### Performance Descriptors

##### Mastery

Fifth grade students at the mastery level in mathematics:

discern and explain the pattern of place values;

fluently perform operations with multi-digit whole numbers and decimals to hundredths.

### Number and Operations - Fractions:

#### Performance Descriptors

##### Mastery

Fifth grade students at the mastery level in mathematics:

estimate and solve word problems involving addition and subtraction of fractions and mixed numbers, assess reasonableness of answers;

use visual models and equations while solving real-world problems demonstrating the understanding of multiplication and division of various fractional representations.

### Geometry:

#### Performance Descriptors

##### Mastery

Fifth grade students at the mastery level in mathematics:

represent problems on a coordinate plane and find solutions;

use precise language to describe, classify and identify relationships among two-dimensional figures based on attributes.

### Measurement and Data:

#### Performance Descriptors

##### Mastery

Fifth grade students at the mastery level in mathematics:

solve multi-step problems demonstrating the understanding of the relationships among units of measurement within a given measurement system;

solve real-world problems through the interpretation of data on a line plot;

demonstrate the understanding of volume concepts through measuring and the application of formulas to calculate an object's volume.



### Text-dependent Questions:

- Can only be answered with evidence from the text.
- Can be literal (checking for understanding) but must also involve analysis, synthesis, evaluation.
- Focus on word, sentence, and paragraph, as well as larger ideas, themes, or events.
- Focus on difficult portions of text in order to enhance reading proficiency.
- Can also include prompts for writing and discussion questions.

### Literacy Shifts in Mathematics:

1. Focus: Focus strongly where the Standards focus.
2. Coherence: Think across grades, and link to major topics within grades.
3. Rigor: In major topics pursue conceptual understanding, procedural skill and fluency, and application with equal intensity.

### Literacy Shifts in All Content Areas:

1. Regular practice with complex text and its academic language.
2. Reading, writing and speaking grounded in evidence from text, both literary and informational.
3. Building knowledge through content-rich nonfiction.