

Kindergarten Achievement Report Addendum for Parents

Description of English Language Arts and Math Descriptors

The examples below describe the ELA and Math skills that kindergarten students should possess as they progress toward expected grade level outcomes for each standard on the K-5 Achievement Report. The skills represent what a student should know and be able to do by the end of the year.

## **English Language Arts**

Kindergarten students work with prompting and support to interact with literature or informational text by asking and answering questions, identifying details and main events. Students should know and be able to name and print all letters. They should read common words and be able draw, tell and write about a book on their own.

## **Foundational Reading Skills**

Foundational Reading Skills include understanding basic print features including left to right, top to bottom, and page by page. Students are expected to:

- Recognize and name all uppercase and lowercase letters
- Recognize that spoken words are made up of syllables and sounds
- Use phonics when reading words

# **Reading Literature and Informational Text**

Students ask and answer questions about a reading selection. They identify the characters, setting, and main event in a story. They retell stories with details.

### **Writing Narrative and Informational Text**

Students draw, tell, and write about events in the order they happened. They gather information for shared research and writing projects and use correct capitalization, punctuation, and spelling.

### Speaking and Listening

Students participate in discussions by listening to others and taking turns speaking. They follow oral directions and describe people, places, things, and events with detail.

#### Math

Students learn to count to 100 and write numbers to 20. Attention is given to numbers 11-20 and emphasis is placed on tens and ones which builds a foundation for understanding place value. Beginning addition and subtraction starts in kindergarten. Students sort and classify objects and identify basic shapes.

### **Transfer Goals**

Students persevere in problem solving, communicate their reasoning effectively, and construct viable arguments using precise mathematical language.

# **Math Fluency**

Students apply procedures accurately, efficiently and flexibly.

## **Counting and Cardinality**

Students know number names and count to 100. They write numbers 0-20 and count objects to tell the number of things in a group up to 20.

## **Operations and Algebraic Thinking**

Students understand addition is putting together and adding to groups. They understand subtraction is taking apart groups and taking from groups. They add and subtract within 5.

# **Number and Operations in Base Ten**

Students work with numbers 11-20 with tens and ones.

### **Measurement and Data**

Students sort objects into groups.

#### Geometry

Students identify and describe shapes.



First Grade Achievement Report Addendum for Parents

Description of English Language Arts and Math Descriptors

The examples below describe the ELA and Math skills that first grade students should possess as they progress toward expected grade level outcomes for each ELA and Math standard listed on the K-5 Achievement Report. The skills represent what a student should know and be able to do by the end of the year.

### **English Language Arts**

First grade students independently interact with literature or informational text by asking and answering questions. They identify details and main events. They can read aloud accurately and with expression. Students can print all letters and write about events, topics and opinions.

### **Foundational Reading Skills**

Foundational Reading Skills include understanding basic print features including left to right, top to bottom, and page by page. Students are expected to:

- Understand phonics and word analysis including syllables and sounds
- Read aloud with accuracy and expression to support comprehension

# **Reading Literature and Informational Text**

Students ask and answer questions about details in a reading selection. They identify the characters, setting, and main event in a story and retell stories with details. They explain the difference between literature and informational text.

## **Writing Narrative and Informational Text**

Students use correct capitalization, punctuation, and spelling. They write opinion pieces that include an opinion and the reasons to support it. They write informational texts that name a topic, supply facts and provide closure. They write narratives with details.

# **Speaking and Listening**

Students participate in collaborative conversations by building on what others are saying and asking questions. They follow simple two-step directions.

#### Math

Students extend their understanding of addition and subtraction by adding and subtracting to solve word problems within 20. They understand the meaning of the equal sign and are can count to 120. Place value knowledge is expanded and students use the knowledge to compare two-digit numbers within 100. Students practice measurement skills and begin to organize data from surveys. Students tell and write time in hours and half-hours using analog and digital clocks.

## **Transfer Goals**

Students persevere in problem solving, communicate their reasoning effectively, and construct viable arguments using precise mathematical language.

# Math Fluency

Students apply procedures accurately, efficiently and flexibly.

## **Operations and Algebraic Thinking**

Students understand the relationship between addition and subtraction and the meaning of the equal sign. They solve addition and subtraction word problems within 20.

## **Number and Operations in Base Ten**

Students count to 120. They understand place value for ones and tens and use it to add and subtract within 100.

#### **Measurement and Data**

Students measure lengths and state the measurement in units. They tell time and write time. They create and talk about graphs.

# Geometry

Students compare shapes and their attributes.



Second Grade Achievement Report Addendum for Parents

Description of English Language Arts and Math Headings Descriptors

The examples below describe the ELA and Math skills that second grade students should possess as they progress toward expected grade level outcomes for each ELA and Math standard listed on the K-5 Achievement Report. The skills represent what a student should know and be able to do by the end of the year.

### **English Language Arts**

Second grade students accurately read and understand literature and informational text. They use correct grammar, capitalization, punctuation and spelling. They plan and deliver presentations about a story or experience.

# Foundational Reading Skills

Foundational Reading Skills include understanding basic print features including left to right, top to bottom, and page by page. Students are expected to understand phonics and word analysis including syllables and sounds. They should read aloud with accuracy and expression to support comprehension.

## **Reading Literature and Informational Text**

Students ask and answer questions about details in a reading selection. They identify the central idea and retell key details. They compare and contrast information from texts.

# **Writing Narrative and Informational Text**

Students use correct grammar, capitalization, punctuation, and spelling. They focus on a topic and use descriptive language and details to support the purpose.

### Speaking and Listening

Students participate in collaborative conversations about grade level topics and texts. They plan, speak and present information and ideas in complete sentences. They use grade appropriate language and vocabulary.

#### Math

Students use addition and subtraction within 100 to solve word problems. They are expected to know all sums of two one-digit numbers by the end of second grade. Their understanding of place value is extended to 1000 and students compare three digit numbers based on their knowledge of hundreds, tens and ones. Students compute with money and estimate and compare lengths using appropriate measurement tools. Students refine their understanding of geometry by drawing shapes based on the number of faces and angles.

# **Transfer Goals**

Students persevere in problem solving, communicate their reasoning effectively, and construct viable arguments using precise mathematical language.

### **Math Fluency**

Students apply procedures accurately, efficiently and flexibly.

# **Operations and Algebraic Thinking**

Students solve addition and subtraction word problems within 100. They add and subtract fluently within 20 and know the sums of all two one-digit numbers (Example: 9 + 7 = 16).

#### **Number and Operations in Base Ten**

Students understand place value for ones, tens and hundreds. They use place value to add and subtract within 1000 and make reasonable estimates.

#### **Measurement and Data**

Students measure lengths and state the measurement in units. They understand relationships of time. They solve word problems using combinations of dollar bills and coins. They collect data, create graphs and answer questions about data.

#### Geometry

Students recognize shapes including triangles, quadrilaterals, pentagons, hexagons and cubes.



Third Grade Achievement Report Addendum for Parents

Description of English Language Arts and Math Headings Descriptors

The examples below describe the ELA and Math skills that third grade students should possess as they progress toward expected grade level outcomes for each ELA and Math standard listed on the K-5 Achievement Report. The skills represent what a student should know and be able to do by the end of the year.

## **English Language Arts**

Third grade students interact with literature and informational text by comparing and contrasting stories, discussing a point of view and comparing it with the author's, and describing a series of events, ideas or concepts. Students produce developed, focused, organized and edited work. In writing informational pieces, third grade students include charts or graphs and supply facts.

# Foundational Reading Skills

Foundational Reading Skills include understanding basic print features including left to right, top to bottom, and page by page. Students are expected to understand phonics and word analysis including syllables and sounds. They should read aloud with accuracy and expression to support comprehension.

# **Reading Literature and Informational Text**

Students describe how characters' actions contribute to the events. They discuss a point of view and compare it to the author's. They compare and contrast stories.

# **Writing Narrative and Informational Text**

Students use correct grammar, capitalization, punctuation, and spelling. They produce writing that is well developed, focused, organized and edited. They write opinion texts that include reasons that support the opinion, narrative texts that introduce a narrator and characters, and informational texts that name a topic and supply facts.

# **Speaking and Listening**

Students participate in discussions by building on what others say. They plan and deliver informative presentations, speak clearly and in complete sentences.

#### Math

Students develop an understanding of multiplication and division. They learn to fluently multiply and divide within 100. Students are expected to know all products of two one-digit numbers by the end of third grade (Example:  $5 \times 8 = 40$ ). Place value understanding is used for multi-digit computation and estimation. Students understand fractions as numbers and their placement on the number line. Students understand concepts of area and perimeter and solve problems using liquid volume and mass.

# **Transfer Goals**

Students persevere in problem solving, communicate their reasoning effectively, and construct viable arguments using precise mathematical language.

# Math Fluency

Students apply procedures accurately, efficiently and flexibly.

# **Operations and Algebraic Thinking**

Students solve multiplication and division word problems. They multiply and divide within 100 and understand the relationship between multiplication and division.

#### **Number and Operations in Base Ten**

Students use place value to round numbers and know the value of each digit in a four digit number.

## **Number and Operations - Fractions**

Students understand fractions as numbers, recognize simple equivalent fractions and compare fractions.

# **Measurement and Data**

Students tell and write time to the nearest minute. They estimate and measure time, volume and weight. They understand area and perimeter.

## Geometry

Students recognize shapes including triangles, quadrilaterals, pentagons, hexagons and cubes.



Fourth Grade Achievement Report Addendum for Parents

Description of English Language Arts and Math Descriptors

The examples below describe the ELA and Math skills that fourth grade students should possess as they progress toward expected grade level outcomes for each ELA and Math standard listed on the K-5 Achievement Report. The skills represent what a student should know and be able to do by the end of the year.

## **English Language Arts**

Fourth grade students read longer words and use roots, prefixes and suffixes to determine the meanings of unknown words. They use details and examples in the text to determine the main idea and describe a character, setting, or event. Students produce writing that is developed, focused, organized and edited. They group related ideas in paragraphs and provide a conclusion. Fourth grade students know when to use formal English and when informal English is appropriate.

# **Foundational Reading Skills**

Foundational Reading Skills include understanding basic print features including left to right, top to bottom, and page by page. Students are expected to understand phonics and word analysis including syllables and sounds. They should read aloud with accuracy and expression to support comprehension.

# **Reading Literature and Informational Text**

Students use details and examples in the text to determine the main idea. They read and understand literature and informational text.

# **Writing Narrative and Informational Text**

Students use correct grammar, capitalization, punctuation, and spelling. They produce writing that is well developed, focused, organized and edited. They write opinion texts that include reasons that support the opinion, narrative texts that introduce a narrator and characters, and informational texts that name a topic and supply facts. Students write short research texts.

# **Speaking and Listening**

Students participate in collaborative conversations, plan and deliver a presentation based on a personal experience. They speak clearly and in complete sentences.

#### Math

Students use their knowledge of place value to generalize to 1,000,000 and round multi-digit whole numbers to any place. They fluently add and subtract using the standard algorithm. Students extend understanding of fractions to include equivalence, ordering and simple decimal notation. They measure angles and classify geometric shapes by lines and angles.

#### **Transfer Goals**

Students persevere in problem solving, communicate their reasoning effectively, and construct viable arguments using precise mathematical language.

## **Math Fluency**

Students apply procedures accurately, efficiently and flexibly.

#### **Operations and Algebraic Thinking**

Students add, subtract, multiply and divide with whole numbers. They understand factors and multiples. They make and describe patterns with objects and numbers.

## **Number and Operations in Base Ten**

Students multiply and divide multi-digit numbers.

## **Number and Operations – Fractions**

Students add and subtract fractions and mixed numbers with the same denominators.

# **Measurement and Data**

Students solve problems using measurement conversions. They apply area and perimeter formulas for rectangles. They organize and explain data using a plot line.

## Geometry

Students recognize lines of symmetry, and draw and identify lines and angles.



Fifth Grade Achievement Report Addendum for Parents

Description of English Language Arts and Math Descriptors

The examples below describe the ELA and Math skills that fifth grade students should possess as they progress toward expected grade level outcomes for each ELA and Math standard listed on the K-5 Achievement Report. The skills represent what a student should know and be able to do by the end of the year.

## **English Language Arts**

Fifth grade students build on their ability to read longer words and use roots, prefixes and suffixes to determine the meanings of unknown words. Students explain how an author supports points in a text. They use quotes accurately when referring to the text. Students keep the audience in mind and include a clear sequence of events when writing. When listening to a speaker or media source they can identify reasons and evidence to support particular points and discuss misleading ideas.

## **Foundational Reading Skills**

Foundational Reading Skills include the use of grade-level phonics and word analysis skills. Students should read with accuracy and expression to support comprehension.

# **Reading Literature and Informational Text**

Students use details and examples in the text to determine the main idea. They read and understand literature and informational text.

## **Writing Narrative and Informational Text**

Students use correct grammar, capitalization, punctuation, and spelling. They produce writing that is well developed, focused, organized and edited. They write opinion texts that include reasons that support the opinion, narrative texts that use descriptive details and sequence of events, and informational texts that share ideas and information. They use technology to publish writing.

# **Speaking and Listening**

Students plan and deliver a speech using expression and gestures. They recite memorized poems or sections of speeches. They also summarize information presented.

#### Math

Students apply multi-digit addition, subtraction, multiplication, and division. They apply their understanding of fractions to the addition and subtraction of fractions with different denominators, fraction multiplication and division, and decimal addition and subtraction. They analyze numeric patterns and relationships and graph ordered pairs on a coordinate plane. Students recognize attributes of geometrical shapes and calculate inside angle measurement and area of triangles and parallelograms.

### **Transfer Goals**

Students persevere in problem solving, communicate their reasoning effectively, and construct viable arguments using precise mathematical language.

## **Math Fluency**

Students apply procedures accurately, efficiently and flexibly.

## **Operations and Algebraic Thinking**

Students write and interpret numerical expressions using parentheses, brackets or braces. They express whole numbers as products of their prime factors.

## **Number and Operations in Base Ten**

Students understand the place value system from thousandths to millions.

# **Number and Operations - Fractions**

Students add, subtract, multiply and divide fractions and mixed numbers with the same denominators.

#### **Measurement and Data**

Students solve problems using measurement conversions. They organize and explain data using a plot line. They understand and find the volume of a rectangular prism.

#### Geometry

Students graph points on a coordinate graph and classify two-dimensional shapes.