



Kindergarten Curricular Overview

Trimester 3 [2020 Virtual Learning]

Language Arts

Listening Comprehension and Reading

- Comprehend poetry *with prompting and support*.
 - Use the title of the poem, the illustrations and background knowledge to predict what the poem may be about
 - Understand the features and structure of poems (lines, verse)
 - Notice the rhythm, beat, and rhyme in a poem
 - Use strategies to understand confusing or unclear parts of a poem
 - Make personal connections to a poem, ask and answer questions, and determine the big ideas/central message

Writing

- State an opinion about a topic and support the opinion with reasons
- Write three or more sentences on a topic
- Capitalize the first word in a sentence, the pronoun I, and the name of people or places
- Use ending punctuation correctly

Phonics and Word Study

- Blend two to three sounds to read words
- Segment words into sounds to spell words
- Change a letter in a word to make a new word
- Read and spell grade level phonetically irregular words
- Introduce digraphs (wh, ch, th, sh, -ck)
- **Read and spell words with consonants, digraphs, and short vowels correctly**

Math

Standards:

- *Unit 2 Operations and Algebraic Thinking*
 - Extend concepts of putting together and taking apart to add and subtract within 10.
- *Unit 3: Geometry*
 - Identify and describe two- and three-dimensional shapes.
 - Analyze, compare, create, and compose two- and three-dimensional shapes.
- *Unit 4: Measurement and Data*
 - Describe and compare attributes of length, area, weight, and capacity of everyday objects.
 - Classify objects and count the number of objects in each category.

Math in Focus Resource:

- Chapter 14, 17, 18, 15, 16, 19, 20: Number Facts; Addition Stories; Subtraction Stories; Length and Height; Classifying and Sorting; Measurement; Money

Integrated throughout the year:

- Ordinal Numbers (Ch. 10)
- Calendar Patterns (Ch. 11)
- Patterns (Ch. 13)
- Coin Names and Values

Science

- Observe and record developmental change over time
- Describe basic needs of a caterpillar and butterfly (e.g., air, water, food)
- Describe the life cycle of a butterfly through discussion and visual representation (e.g. drawing a picture, cut and paste page, pasta model)

Social Studies

Community Helpers & Local Resources

- Helpers in my home, school, and community
- Needs & wants
- Goods & services
- Where things are made



1st Grade Curricular Overview

Trimester 3 [2020 Virtual Learning]

Language Arts

Reading

- Comprehending poetry:
 - Use line breaks, whitespace, layout, and punctuation to help understand the meaning of a poem
 - Recognize rhyme and rhythm in a poem
 - Use details to visualize what the poem is saying
 - Identify the topic and message
 - Determine story elements to find the plot and major themes of a story poem
 - Use strategies to understand parts of a poem that are confusing or unclear
 - Compare and contrast different forms of poetry

Writing

- Use the writing process to write an opinion piece:
 - State an opinion about a topic
 - Support the opinion with detailed reasons related to the topic
 - Group similar ideas together
 - Include an ending

Phonics & Word Study

- Read and spell grade level irregularly spelled words
- Read and spell words that have the **vowel-consonant-e pattern**
- Read and spell two-syllable words with **closed syllable and/or v-e syllable**
- Read and spell words that have a **baseword + suffix (-s, -es, -ed, -ing)**

Math

Standards:

- *Numbers and Operations in Base 10:*
 - Extend the counting sequence to read and write numerals to represent objects.
 - Use place value concepts to represent amounts of tens and ones and to compare two digit numbers
 - Use place value concepts and properties of operations to add and subtract within 100.
- *Operations and Algebraic Thinking*
 - Represent and solve problems involving addition and subtraction within 20.
 - Understand and apply properties of operations and the relationship between addition and subtraction.

Math in Focus Resource:

- Chapters 13, 14, 15, 16, 17, 19: Addition and Subtraction to 40; Mental Math Strategies; Calendar and Time; Numbers to 120; Addition and Subtraction to 100; Money

Science

New Plants

- Describe basic needs of plants and animals
- Describe how different parts of a living thing work together to provide what the organism needs
- Describe the life cycles of different organisms
- Describe the interactions between living and nonliving components
- Identify products and by-products of plants and animals for human use

Social Studies

Our Economy

- Needs & wants
- Scarcity & shortage
- Earning money & jobs
- Impacts of geography on production
- Saving and spending money



2nd Grade Curricular Overview

Trimester 3 [2020 Virtual Learning]

Language Arts

Reading

- Comprehend poetry
 - Identify the features and structures of poetry such as rhyming, line breaks and stanzas
 - Visualizing to understand a poem and identify central theme
 - Use context clues and background knowledge to help with understanding unfamiliar words or phrases
 - Use fix-up strategies such as rereading, looking at the pictures, and/or making a connections, to understand the meaning of a poem
 - Compare and contrast poems
 - Use clues in a poem to recognize the feelings and images in a poem
 - Demonstrate an understanding of figurative language and shades of word meaning (personification)

Writing and Grammar

- Use the writing process to write an opinion piece
 - State an opinion on a familiar topic.
 - Include detailed reasons that connect to the opinion
 - Organize the writing, including a beginning, middle, and ending.
 - Use a variety of words and phrases
 - Use simple and compound sentences
- Use apostrophes to form contractions and possessives
- Use regular and irregular nouns and verbs
- Capitalize proper nouns for holidays, product names, and places

Math

Standards:

Operations and Algebraic Thinking

- Work with equal groups of objects to gain foundations for multiplication.

Geometry

- Analyze and draw two- and three-dimensional shapes having specified attributes.

Measurement

- Represent and interpret data using line plots, picture graphs, and bar graphs.

Math in Focus Resource:

- Chapter 15: Multiples of 3 & 4
- Chapter 16: Bar Models for Mult/Div
- Chapter 17: Picture Graphs
- Chapter 18: Lines and Surfaces
- Chapter 19: Shapes and Patterns

Science

Earth Science

- Describe and predict how changes in the environment can affect systems.
- Explain and predict how changes in environment affect life.
- Distinguish between a scientific fact and an opinion, providing clear explanations that connect observations and results
- Observe a natural phenomenon, record observations, and then make a prediction based on those observations.

Social Studies

Our Economy

- People - Consumers, Producers, Buyers, Sellers
- Economic decision making
- Circular flow
- Impact of geography on the economy
- Economic systems



2nd Grade Curricular Overview

- Identify and describe observable patterns



3rd Grade Curricular Overview

Trimester 3 [2020 Virtual Learning]

Language Arts

Reading

- Comprehend poetry
 - Use the features and structures of a poem to construct meaning.
 - Use background knowledge and the poem's content to construct meaning.
 - Use sensory details provided by the author to interpret the poem.
 - Monitor comprehension and use fix-up strategies when needed.
 - Identify the words, figurative language, and imagery used by the author to set the mood of the poem. (repetition, alliteration, onomatopoeia)
 - Synthesize the features and content of a poem to comprehend the author's purpose and message.
 - Compare and contrast two poems by the same poet to draw conclusions.

Writing and Grammar

- Use the writing process to plan, organize, produce and publish an opinion piece.
- Write an organized opinion piece after determining an opinion and point of view on a topic, including relevant reasons/examples as well as linking words/phrases.

Math

- *Unit 5: Geometry (Continued)*
 - *Standard:* M03.D-M.3.1 find the areas of plane figures; M03.D-M.4.1 find and use the perimeter of plane figures; M03.C-G.1.1 analyze characteristics of polygons
 - Chapter 17-19: Angles and Lines; 2D Shapes; Area and Perimeter
- *Unit 6: Multiplication and Division [if time permits]*
 - *Standard:* M03.B-O.1.1 Understand various meanings of multiplication and division; M03.B-O.2.1 Use properties to simplify and solve multiplication problems
 - Multiplying ones, tens and hundreds with regrouping
 - Division without remainder and regrouping

Science

- Exploration of basic concepts of chemistry
- Students complete physical and chemical tests
- Science Notebook: students engage in the process of science

Social Studies

- Economics
 - Jobs - Earning & Spending money
 - Want vs. Need
 - Scarcity
 - Value of advertising
 - Goods and services



4th Grade Curricular Overview

Trimester 3 [2020 Virtual Learning]

Language Arts

Reading

- Comprehending poetry
 - Recognize the features and structural elements of poetry.
 - Recognize literary devices in a poem and use them to understand the poem's meaning.(rhyme, alliteration, onomatopoeia)
 - Recognize the tone of the poem.
 - Compare, contrast, and draw conclusions about two poems.
 - State the central message of a poem.
 - Use the rhyme scheme and patterns within a poem to understand the poem.
 - Recognize how the author's word choice creates images and meaning.
 - Synthesize the content, rhyme scheme, and other text features to understand the meaning of a poem.

Writing and Grammar

- Use the writing process to plan, organize, produce and publish opinion writing.
 - Introduce the topic, state an opinion, and provide reasons that are supported by facts and details.
 - Create an organizational structure that groups related ideas together, links these ideas in a logical order with a concluding statement or section related to the opinion.
 - Choose precise words and phrases to convey the point.

Math

Unit 4: Measurement and Data

- **Standard: M04.B-O.3.1** Recognize, describe, extend, create, and replicate a variety of patterns; **M04.D-M.3.1** Use appropriate tools and units to sketch an angle and determine angle measurements
- Patterns; Problem Solving with Time and Money; Angles

Unit 5: Geometry

- **Standards: M04.C-G.1.1** list properties, classify, draw, and identify geometric figures in two dimensions; **M04.D-M.1.1** solve problems involving length, weight (mass), liquid volume, time, area, and perimeter
- Chapter 10-13: Perpendicular and parallel line segments; squares and rectangles; area and perimeter and measurement; Symmetry

Unit 3: Decimals (revisited if time permits)

- **Standard: M04.A-F.3.1** Use operations to solve problems involving decimals, including converting between fractions and decimals (may include word problems)

Science

Earth's Cycles

- Use models to describe motions of the Sun, Earth, Moon
- Explain how the motion relates to time and seasons

Inner and Outer Planets

PSSA Review Topics:

- Classifying plants and animals; energy from plants; ecosystems; changes in ecosystems

Social Studies

Pennsylvania Economics

- Production, consumption, distribution and cost of goods and services
- Impact of scarcity on economic decisions of individuals, businesses, and gov't
- Influence of advertising on people's decision-making
- Factors that cause scarcity to change



5th Grade Curricular Overview

Trimester 3 [2020 Virtual Learning]

Language Arts

Reading

- Comprehend poetry.
 - Recognize the features and structural elements of poetry.
 - Recognize literary devices in a poem and use them to understand the poem's meaning.(simile, metaphor).
 - Recognize the tone of the poem.
 - Compare, contrast, and draw conclusions about two poems.
 - State the central message of a poem.
 - Use the rhyme scheme and patterns within a poem to understand the poem.
 - Recognize how the author's word choice creates images and meaning.
 - Synthesize the content, rhyme scheme, and other text features to understand the meaning of a poem.

Writing and Grammar

- Use the writing process to plan, organize, produce and publish opinion writing.
 - Introduce the topic, state an opinion, and provide reasons (facts and details) to support the opinion
 - Create an organizational structure that groups related ideas together, links these ideas in a logical order with a concluding statement or section related to the opinion.
 - Choose precise words and phrases to convey the point.

Math

Unit 4: Measurement and Data

- **Standards:** CC.2.2.5.A.4 analyze patterns and relationships using two rules; **CC.2.3.5.A.1** graph points in the first quadrant and interpret when solving real world problems; **CC.2.4.5.A.1** solve problems using conversions within a given measurement system; **CC.2.4.5.A.2** represent and interpret data using appropriate scale; **CC.2.4.5.A.4** solve problems involving computation of fractions using information provided in a line plot
- **Chapter 11** Graphing; **Supplemental Resources:** Patterns, Measurement/Conversions within the same system, & Data

Unit 5: Geometry

- **Standards:** **CC.2.3.5.A.2** classify two-dimensional figures into categories based on an understanding of their properties; **CC.2.4.5.A.5** apply concepts of volume to solve problems and relate volume to multiplication and to addition
- Chapter 13-15: Properties of angles and 4-sided figures; 3-D Shapes; Surface Area and Volume

Science

Levers & Pulleys

- Describe forces acting on objects
- Explain that mechanical advantage helps to do work by either changing a force or changing the direction of the applied force

Social Studies

American Revolution

- Economic, political, and geographic causes of revolution
- Impact of civil unrest on the organization of people
- Understanding how resources, strategies, and motivations affect the outcome of war

Early Government

- Organization of governments
- Governments representing people's ideology
- Evolution of governments over time
- Roles and responsibilities of a citizen