



Dallastown Area School District 4th Grade Curriculum Overview

Reading

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

Reading Informational Text

- Determine the main idea of a text and explain how it is supported by key details.
- Explain events, procedures, ideas, steps, or concepts in a historical, scientific, or technical text, including what happened and why, based on specific information.
- Compare and contrast a firsthand and secondhand account of the same event or topic.
- Describe the overall structure (e.g., chronology, comparison, cause/effect, problem/solution) of events, ideas, concepts, or information and text features in a text or part of a text.
- Explain how an author uses reasons and evidence to support particular points in a text.
- Integrate information from two texts on the same topic.
- Interpret text features and/or make connections between text and the content of text features.

Reading Literature Text

- Determine a theme of a story, drama, or poem from details in the text.
- Describe in depth a character, setting, or event in a story, drama, or poem, drawing on specific details in the text.
- Compare and contrast the point of view (1st and 3rd) from which different literature text are narrated.
- Compare and contrast the treatment of similar themes and patterns of events.

Vocabulary/Grammar and Usage

Vocabulary Acquisition and Use

- Use context (e.g., definitions, examples, or restatements in text) as a clue to the meaning of a word or phrase.
- Use common, grade-appropriate Greek and Latin affixes and roots as clues to the meaning of a word (e.g., telegraph, photograph, autograph).
- Explain the meaning of similes and metaphors in context.
- Recognize and explain the meaning of common idioms, adages, and proverbs.
- Demonstrate understanding of words by relating them to their antonyms and synonyms.

Grammar and Usage

- Use relative pronouns (e.g., who, whose, whom, which, that) and relative adverbs (e.g., where, when, why)
- Form and use the progressive verb tenses (e.g., I was walking, I am walking, I will be walking).
- Use modal auxiliaries (e.g., can, may, must) to convey various conditions.
- Order adjectives within sentences according to conventional patterns (e.g., a small red bag rather than a red small bag).
- Form and use prepositional phrases.
- Produce complete sentences, recognizing and correcting inappropriate fragments and run-on sentences.
- Correctly use frequently confused words (e.g., to, too, two; there, their, they're).
- Ensure subject-verb and pronoun-antecedent agreement.

Writing

Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline specific tasks, purposes, and audiences.

Informative Explanatory

- Write informative/ explanatory texts to examine a topic and convey ideas and information clearly.
- Conduct short research projects that build knowledge through investigation of different aspects of a topic. Employ note taking and sort evidence based on determined categories.

Opinion/Argumentative

- Write opinion pieces on familiar topics or texts.
- Create an organizational structure that includes related ideas supported with reasons that are linked in a logical order and include a concluding statement related to the opinion.

Narrative

- Write narratives to develop real or imagined experiences or events including a beginning, middle and end.
- Use dialogue and descriptions of actions, thoughts, and feelings to develop a sequence of organized experiences and events and/or show the response of characters to situations.

Conventions of Language

- Use correct capitalization.
- Use commas and quotation marks to mark direct speech and quotations from a text.
- Use a comma before a coordinating conjunction in a compound sentence
- Choose words and phrases to convey ideas precisely.
- Choose punctuation, word and phrases for effect.

Text Dependent Analysis

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

- Introduce text(s) for the intended audience, state an opinion and/or topic, establish a situation, and create an organizational structure in which related ideas are logically grouped to support the writer's purpose.
- Develop the analysis using a variety of evidence from text(s) to support claims, opinions, ideas, and inferences.
- Link ideas within categories of information using words and phrases (e.g., another, for example, also, because).
- Use precise language and domain-specific vocabulary to inform about or explain the topic and/or convey the experience and events.
- Provide a concluding statement or section related to the analysis presented.

Speaking and Listening

- Engage effectively discussions that build on others' ideas and express their own clearly.
- Paraphrase portions of a text presented in diverse media and formats, including visually, quantitatively, and orally.
- Identify the reasons and evidence a speaker provides to support points.
- Report on a topic or text, tell a story, or recount an experience with appropriate facts and relevant, descriptive details; speak clearly with adequate volume, appropriate pacing, and clear pronunciation.
- Differentiate between contexts that require formal English versus informal situations.

Mathematics

Place Value

- Read and write multidigit numbers.
- Compare and order numbers.
- Estimate numbers by rounding.

Addition & Subtraction

- Use addition and subtraction rules.
- Estimate sums and differences.
- Add and subtract multi-digit numbers
- Subtract multi-digit numbers, when some digits are 0.

Multiplication & Division

- Use multiplication properties and division rules.
- Find factors and multiples of whole numbers.
- Multiply by one-digit and two-digit numbers.
- Multiply with regrouping and across zeros.
- Divide by one-digit number.
- Interpret the remainder.

Patterns and Sequences

- Describe, identify and extend numeric patterns.
- Use order of operations.

Fractions & Decimals

- Find factors and multiples of whole numbers.
- Determine prime or composite.
- Explore and find equivalent fractions.
- Write a fraction in simplest form.
- Compare and order fractions.
- Add and subtract like fractions.
- Add and subtract mixed numbers.
- Model, describe, identify, read, and write tenths and hundredths as decimals and fractions.

Measurement, Time and Data

- Estimate and measure customary and metric units of length, weight and capacity.
- Convert customary and metric units.
- Read and interpret graphs.
- Find elapsed time.

Perimeter and Area

- Find perimeter and area of a figure.

Geometry

- Draw points, lines, line segments, and rays in 2-D figures.
- Draw parallel, intersecting and perpendicular lines in 2-D figures.
- Understand concepts of angles.
- Classify quadrilaterals and triangles by attributes.
- Identify and draw lines of symmetry.

Social Studies

The American Landscape

- Immigration

Three Branches of Government

- Executive
- Legislative
- Judicial

Map Skills

- Latitude/Longitude
- Compass Rose
- Resource map

US Regions and Land Features

(Location, Place, Human Environment Interaction, Movement, Region)

- Northeast
- Southeast
- Middle West
- Southwest
- West

Science

Scientific Method

- Observing
- Predicting
- Formulating Questions
- Collecting and Interpreting Data
- Identifying & Controlling Variables

Weather

- Sunlight on air temperature
- Relationship between air pressure and wind
- The 5 kinds of clouds
- Technology and Weather prediction

Electricity & Magnetism

- Electrical Charge
- Flow of electric current
- Series and parallel circuit
- Function of magnets
- Magnets and Electricity

Forces and Motion

- Forces affect motion
- Kinetic and potential energy
- Simple and complex machines

Animal Structure & Function

- Vertebrates/invertebrates
- Characteristics of fish, amphibians, reptiles, birds and mammals
- Learned Behavior/Instincts

Plant Structure & Function

- Plant Reproduction
- Parts of flowering plant
- Life cycle of a flowering plant

Energy in Ecosystems & Surviving in Environment

- Living vs. Nonliving
- Process of Photosynthesis
- Producers vs. Consumers
- Food chains and Food webs
- Structures, behavior and environmental changes for survival

Earth's Composition

- Features on Earth's surface
- Layers of the earth
- Weathering and Erosion
- Minerals
- Rock Formations
- Types of Soil

Unified Arts

Physical Education/Health

- Interactive Fitness
- Cooperative Games
- Team Games
- Fitness Room
- Lifelong games
- Body systems
- Personal health and hygiene
- Nutrition
- Good and bad drugs
- Wellness

Art

- Surrealism
- Watercolor
- Color Harmonies
- Clay
- Radial Symmetry
- Printmaking
- Collage
- Scratch Art
- Aesthetics & Critical Analysis

Music

- Singing
- Beat/Rhythm
- Instrument Families
- Ukulele
- Garage Band

iLibrary

- Keyboarding
- Keyword Searching
- Library resources: eBooks, Destiny, Power Library, Book Flix, True Flix, World Book Online
- Using online resources
- Digital Citizenship

Technology

- Chromebook Basics
- Google Drive
- Google Docs/Slides/Sheets/ Maps
- Video Publishing
- STEM Concepts: Build and Design
- Robotics/Coding