

Science & Technology Force and Motion

Students summarize how various forces affect the motion of objects.

Heredity and Genetics

Students describe characteristics of organisms, and the reasons why organisms differ from or are similar to their parents.

Scientific Inquiry

Students plan, conduct, analyze data from, and communicate results of investigations, including fair tests.

Social Studies

Civics and Government

- Understands roots of democracy, specifically the U.S. Constitution
- Identifies the characteristics of the branches of government

Geography

- Identifies landforms of the U.S. and knows the location and capitals of each state

History

- Demonstrates an understanding of selected themes in U.S. history, specifically the formation of our government, westward expansion and Civil War
- Demonstrates an understanding of the cause and effect of major events in history

Physical Education

- Participates in physical activities to introduce the health-related fitness components of flexibility, cardiovascular endurance, muscular endurance, and muscular strength
- Demonstrates responsible personal behavior and responsible social behavior in physical activity settings

Music

- Communicates original ideas, feeling, and understands concepts taught
- Demonstrates an understanding of musical concepts and skills

Visual Arts

- Uses materials and tools skillfully
- Communicates ideas and feelings
- Applies elements of art

Year End Expectations for Grade 5



Student's Work:	
<u>4</u> Exceeds	Goes beyond obvious criteria. Displays insights beyond grade level expectations Shows exceptional control and ownership over content area
<u>3</u> Meets	Meets all expectations and criteria. Includes details and important information. Shows strong control and ownership over content area
<u>2</u> Partially Meets	Is sometimes missing key information or criteria Exhibits partly correct responses or missing details Shows some control and ownership over content area
<u>1</u> Does Not Meet	Is often missing important information or presents incorrect responses/answers Shows limited control over content area

Using this Brochure
Bold headings in each subject area match content areas covered

Bulleted items show specific skills students will learn at this grade level.

Recognizing the Potential
In Each Child

Reading

Reads and draws conclusions from texts

- Determines the meaning of unknown words using a variety of strategies
- Uses syllables, word parts, word families, prefixes, suffixes, and root words to build meaning
- States connections and inferences
- Uses a range of strategies while reading
- Fluently and accurately reads text
- States questions or conclusions that indicate deeper understanding as a result of reading

Reads fiction, nonfiction, drama and poetry

- Identifies and describes what characters are like
- Explains the basic plot by identifying the problem and solution
- Identifies main events including cause and effect
- Identifies and explains literary devices
- Explains the theme explicitly stated
- Identifies the main purpose of a passage
- Uses knowledge of the situation, setting, character traits, motivations, and feelings to determine causes for character's actions
- Identifies speaker in a selection
- Describes the effect of common literary devices on the reader
- Explains that theme refers to the central ideas of a selection and identifies themes that are implied

Reads and summarizes informational texts

- Uses headings, subheadings, bullets, boldface, illustrations, maps, diagrams and charts to locate information or aid comprehension
- Distinguishes between facts and opinions
- Follows four or more multi-step written instructions
- Creates and revises questions that can be answered by using text features and information found within the text
- Identifies main ideas of and details from the text to support the main ideas
- Identifies main purpose for a particular section to aid comprehension

Writing

Interconnected elements (writing process)

- Maintains a consistent focus
- Includes introduction and conclusion
- Writes coherent paragraphs with supporting sentences
- Revises drafts
- Edits for correct grammar, usage and Mechanics

Narrative

- Develops major events, settings, characters and deals with problems and solutions
- Provides insight into why the selected event is memorable

Argument/analysis

- Summarizes information from reading, listening or viewing
- Writes about a central question or idea by using relevant supporting facts and details

Persuasive

- Establishes a clear position on a topic and supports the position with relevant evidence

Practical application

- Writes multi-step directions for completing a task

Research (Print and non-print)

- Locates and accesses information using text features
- Collects, evaluates and organizes information for a specific purpose

Listening and Speaking

- Asks clarifying questions
- Attends and responds appropriately to classmates and adults.
- Follows multi-step oral instructions.

Language

- Uses simple, compound, and complex sentences
- Uses end marks correctly
- Capitalizes correctly
- Spells high-frequency words correctly

Mathematics

Number and Numeration

- Understands and uses number notation to 10 million in numerals and words
- Understands, names, compares, illustrates, computes with and uses fractions
- Understands and uses number notation and place value in numbers with three decimal places
- Understands concepts of positive and negative integers

Operations and Computation

- Multiplies and divides numbers up to four digits by numbers up to two digits, and by 10s, 100s, 1000s and interpret any remainders
- Solves problems requiring multiple operations and uses the conventions of order of operations

Data and Chance

- Understands and uses measures of elapsed time, temperature, capacity, mass, and uses measures of mass and weight
- Reads, constructs, and interprets line graphs
- Finds and uses median, mode, and range for a set of data

Measurement and reference frames

- Finds the area of triangles and quadrilaterals
- Understands how to find the volume and surface area of rectangular prisms

Geometry

- Identifies, describes and classifies solid figures
- Understands how to describe position and direction in two dimensions
- Reflects, slides, and rotates plane figures

Patterns, Functions, and Algebra

- Creates and evaluates simple expressions in the context of numbers and operations
- Finds the unknown in simple equations
- Uses tables, rules, diagrams, and graphs to represent and analyzes the relationship between quantities