



Wrentham Public Schools
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2024 - 2025 Learning Focus - Grade 6

November 2024 - January 2025

Sixth grade students have been introduced to the following concepts and skills from November 4, 2024 through January 24, 2025. The report card will indicate how your child is progressing towards the grade level standards. Comments provided will highlight your child's strengths, areas for growth, as well as suggestions for ways in which to support your child's learning.

PERSONAL DEVELOPMENT

Respect: Respects others both in school and online and respects school and personal materials.

Responsibility: Exercises self-control, accepts responsibility for choices, and completes tasks on time.

Ready to Learn: Perseveres, uses time constructively, and responds effectively to directions.

MATHEMATICS

- Understands ratio relationships and language between quantities
- Uses ratio reasoning to solve real-world problems involving rate and unit rate
- Uses models and equations for area, surface area, volume, ration, and rate
- Computes fluently using whole numbers with all four operations by using models, equations, or standard algorithms to solve problems
- Writes, reads, and solves expressions and equations relating to area, surface area and volume
- Find the area and surface area of polygons with whole numbers
- Find the volume of a right rectangular prism using whole numbers

HISTORY & SOCIAL SCIENCE

- Development of civilizations in Mesopotamia and Ancient Egypt
- Physical and political geography of modern Western Asia, Middle East, and North Africa: Mesopotamia, c.3500-1200 B.C.E. (6.T3a)

ENGLISH LANGUAGE ARTS

Reading:

- Reads literature and informational text
- Monitors for sense, identifies story elements, text structures, main ideas and details, and summarizes.
- Predicts, infers, compares and contrasts and synthesizes across multiple texts
- Analyzes point of view, parts of a text to the whole text, and author's craft

Writing:

- Uses leads that orient the reader to the topic and conclusions that connect ideas and offer closure
- Makes deliberate choices, organizes structure to develop ideas
- Develops writing through description, dialogue/quotes, facts and explanations of evidence
- Applies craft techniques deliberately by using pacing, tone, word choice, and use of genre traits
- Applies grade level language conventions: spelling, punctuation, and capitalization

SCIENCE

Life Science

- Provide evidence that organisms are made of cells.
- Develop and use a model to describe how parts of cells contribute to the cellular functions
- Construct an argument with evidence that the body systems interact to carry out essential functions of life.

Physical Science

- Uses diagrams of a simple wave to explain that (a) a wave has a repeating pattern with a specific amplitude, frequency, and wavelength, and (b) the amplitude of a wave is related to the energy of the wave
- Use diagrams and other models to show that both light rays and mechanical waves are reflected, absorbed, or transmitted through various materials.
- Present qualitative information to support the claim that digitized signals (sent as wave pulses representing 0s and 1s) can be used to encode and transmit information.