

Page-Turners & Big Ideas

Sixth Grade

Quarter One

Humanities Magnet English

Identity & Community

Genre Focus: Narrative and Analytical Essay

Writing Task: Video Autobiography,
Book Trailer, Literary Essay

Texts: *Seedfolks*, *Anthem*, *The Giver*, *Gathering Blue*, *Harrison Bergeron*, *Cave*

- **Key Terms:** narrative, autobiography, voice, point of view, conflict, resolution, theme, analysis, evidence, commentary, structure, transition words, storyboard, script, audience, mood, hook, introduction, conclusion, citation

Math

Math 6

Area and Surface Area

- **Key Terms:** compose, decompose, parallelogram, quadrilateral, opposite vertex, edge, vertex, polygon, polyhedron, prism, pyramid, exponent, squared

Introducing Ratios

- **Key Terms:** ratio, equivalent ratios, double number line diagram, meters per second, tape diagram

Grade 6 Pre-Algebra

Rigid Transformations and Congruence

- **Key Terms:** sequence of transformations, transformation, coordinate plane, corresponding, rigid transformation, vertical angles, congruent, alternate interior angles

Scale Drawings, Dilations, Similarity, Slope

- **Key Terms:** scaled copy, scaled factor, scale, scale drawing, scale factor, center of dilation, dilation, similar, slope

Accelerated Math 6

Area

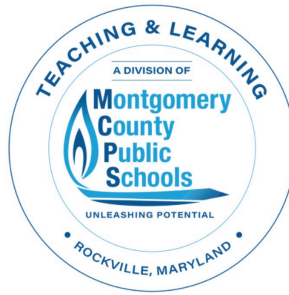
- **Key Terms:** parallelogram, quadrilateral, opposite vertex, polygon, face, surface area, polyhedron, prism, pyramid

Ratios, Rates, and Percentages

- **Key Terms:** equivalent ratios, double number line diagram, table tape diagram, unit price, unit rate

***The Board of Education adopted the mathematics curriculum, "Illustrative Math" by Imagine Learning, for the above courses.*

Families: Put this on your refrigerator and review at home!



Social Studies

Global Humanities 6 (3500 B.C.E - 476 C.E)

Patterns of Settlement in the Ancient World

Students learn about the development of civilizations around the world.

Texts: *My World Social Studies* by Pearson, *A Long Walk to Water* by Linda Sue Parker

- **Key Terms:** hunter-gatherers, city-state, River Valley Civilizations, pyramids, pharaoh, Nile, commerce, economic wants, opportunity costs, specialization of labor, Hammurabi's Code, social hierarchy

Note: Social Studies standards are integrated throughout the unit. The standards are History, Civics, Peoples of the Nations and World, Economics, Geography, and Social Studies Skills.

Science

Investigations in Earth Science

Our Watershed, Our World

This unit explains the environmental impacts that increasing populations have on the Earth and local environments.

- **Key terms:** ecosystem, abiotic factors, biotic factors, organism, parasitism, predation, species, pH, dissolved oxygen, pervious surfaces, impervious surfaces, watershed, taxa, turbidity, eutrophication, estuary, permeable, impermeable

Atmospheric Phenomenon

This unit demonstrates how changes in atmospheric variables such as density, unequal heating, air pressure, and moisture lead to the weather events that humans experience daily.

- **Key terms:** hydrological, hydrosphere, infiltration, cyclones and anticyclones, ocean currents, salinity, solar radiation, unequal heating, Coriolis Effect, climograph, meteorologist, barometer

****No core instructional textbook**

[These](#) supplemental instructional materials might also be included in sixth grade. Supplemental materials are additional approved books for teachers to use to teach a topic. Ask your child's teacher for more information about supplemental materials used in your child's classroom. If any listed instructional material conflicts with your family's sincerely held religious beliefs, you may request your child's excusal by submitting [this request form](#). For additional information, visit [our website](#).

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