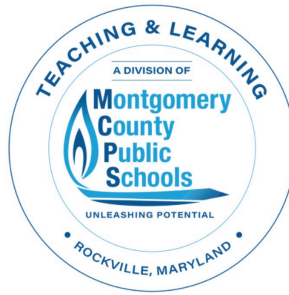


Page-Turners & Big Ideas
Sixth Grade: Science, Technology, and Math Magnet
Quarter One

<p>English</p> <p>Genre Focus: Narrative/ Short Story Writing Task: Short Story</p> <p>Text: <i>Flying Lessons & Other Stories</i></p> <ul style="list-style-type: none"> Key Terms: audience, character, conflict, dialogue, event, genre, literary, narrative, narrator, paraphrase, plot, quote, resolution, sequence, setting, story structure, theme, tone, transition words, voice <hr/> <p>Genre Focus: Nonfiction/ Informative Writing Task: Explanatory Essay</p> <p>Text: <i>Calling All Minds: How to Think and Create Like an Inventor</i> by Temple Grandin</p> <ul style="list-style-type: none"> Key Terms: complex sentence, compound-complex sentence, compound sentence, domain-specific vocabulary, explanatory text, morphology, problem-and-solution text structure, sequence text structure 	<p>Mathematics</p> <p>Grade 6 Pre-Algebra</p> <p>Rigid Transformations and Congruence</p> <ul style="list-style-type: none"> Key Terms: sequence of transformations, transformation, coordinate plane, corresponding, rigid transformation, vertical angles, congruent, alternate interior angles <p>Scale Drawings, Dilations, Similarity, Slope</p> <ul style="list-style-type: none"> Key Terms: scaled copy, scaled factor, scale, scale drawing, scale factor, center of dilation, dilation, similar, slope <p>Accelerated Math 6</p> <p>Area</p> <ul style="list-style-type: none"> Key Terms: parallelogram, quadrilateral, opposite vertex, polygon, face, surface area, polyhedron, prism, pyramid <p>Ratios, Rates, and Percentages</p> <ul style="list-style-type: none"> Key Terms: equivalent ratios, double number line diagram table tape diagram, unit price, unit rate <p>Algebra 1</p> <p>Linear Equations, Inequalities, and Systems</p> <ul style="list-style-type: none"> Key Terms: solution to a system of equations, equivalent systems, systems of inequalities, solutions to a system of inequalities <p>Functions</p> <ul style="list-style-type: none"> Key Terms: function notation, linear function, decreasing function, increasing function, vertical intercept, piecewise function, absolute value, inverse function <p>Note: The Board of Education adopted the mathematics curriculum, “Illustrative Math” by Imagine Learning, for the above courses.</p>
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Families: Put this on your refrigerator and review at home!



Page-Turners & Big Ideas

Social Studies

Ancient Egypt

Text: *My World Social Studies, A Long Walk to Water*
(Global Humanities 6 Only)

- **Key Terms:** Pyramids, Pharaoh, Nile, Commerce

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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