

Page-Turners & Big Ideas

Seventh Grade
Ouarter One

English

Genre Focus: Narrative/Novel Writing Focus: Informative Essay

Text: Hello, Universe

 Key Terms: characterization, figurative language, foreshadowing, hyperbole, literary device, metaphor, perspective, symbolism

Genre Focus: Drama

Writing Focus: Drama Scene

Text: The Tempest

 Key Terms: characterization, chronological structure, dramatic structure, iambic pentameter, linear structure

Mathematics

Math 7

Scale Drawings

• **Key Terms:** scaled copy, corresponding, scale factor, reciprocal, scale drawing

Introduction to Proportional Relationships

• **Key Terms:** equivalent ratios, constant of proportionality, proportional relationship, coordinate plane, origin

Accelerated Math 7

Rigid Transformations and Congruence

• **Key Terms:** sequence of transformations, transformation, coordinate plane, corresponding, rigid transformation, vertical angles, alternate interior angles, transversal, straight angle, tessellation

Scale Drawings, Similarity, and Slope

• **Key Terms**: scaled copy, scaled factor, scale, scale drawing, scale factor, center of dilation, dilation

Algebra 1

Linear Equations, Inequalities, and Systems

• **Key Terms:** equivalent equations, solution to a system of equations, substitution, equivalent systems, systems of inequalities, solutions to a system of inequalities

Functions

• **Key Terms:** function notation, linear function, decreasing function, horizontal intercept, vertical intercept, piecewise function, absolute value, inverse function

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



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Social Studies

World Studies 7/Global Humanities 7 (1 CE-1550 CE)

Geography Shapes Latin America

Students investigate the geography of Latin America and the consequences of geographic modifications on the region's political, economic, and social structures.

Texts: My World Social Studies, Silver People: Voices from the Panama Canal (Global Humanities 7 only)

• **Key Terms:** Aztec, Inca, physical characteristics of geography, human characteristics of geography, chinampas, canals, aqueducts

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 Life Science

Cellular Structure and Processes

In this unit, students learn how living things are built and how their parts work together to keep them alive.

 Key terms: Hydroponics, unicellular, multicellular, organelles, nucleus, passive and active transport, photosynthesis, cellular respiration, conservation of matter

**No core instructional textbook

<u>These</u> supplemental instructional materials might also be included in seventh 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.

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