

# Page-Turners & Big Ideas Eighth Grade Ouarter One

**English** 

Genre Focus: Narrative Writing Task: Short Story

**Text:** Us, In Progress

• **Key Terms:** figurative language, irony, literary device, metaphor, perspective, resolution

**Genre Focus: Narrative** 

**Writing Task: Personal Narrative** 

**Text:** Narrative of the Life of Frederick Douglass

• **Key Terms:** autobiography, narrative, narrator, point of view, theme

#### Mathematics

#### Math 8

#### **Rigid Transformations & Congruence**

• **Key Terms:** sequence of transformations, coordinate plane, rigid transformation, transversal, tessellation

#### Dilations, Similarity, and Introducing Slope

• **Key Terms:** scale factor, center of dilation, dilation, similar, slope

#### 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

#### **Honors Geometry**

#### **Congruences & Rigid Transformation**

 Key Terms: conjecture, perpendicular bisector, tesselation, assertion, rigid transformation, theorem, directed line segment

#### **Social Studies**

**United States History (Colonial Period - 1900)** 

## Political Change: Resistance and Revolution, 1754-1785

Students study the events leading to the American Revolution and its impact.

**Texts:** Discovering Our Past: A History of the United States by McGraw-Hill, Never Caught: The Washingtons'

#### Science

**Investigations in Physical Science** 

#### **Matter and Its Interactions**

In this unit, students will observe and measure properties of matter.

• **Key terms:** physical and chemical properties and changes, reaction, conservation of energy, conservation

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

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

<sup>\*\*</sup>The content for the student workbooks is sourced from the Illustrative Math curriculum.



### Page-Turners & Big Ideas

Relentless Pursuit of Their Runaway Slave, Ona Judge by Erica Armstrong Dunbar (American Studies 8 only)

• **Key Terms:** colony, colonization, purposes of government, systems of change, economic systems, political systems, natural rights, taxation, American Revolution

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.

of mass/matter, energy transfer, synthetic materials, natural resources

\*\*No core instructional textbook

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