



## Curriculum Essentials: Grade Eight

### Modern History: 1846–1990

- Review of U.S. History Before 1846
  - Declaration of Independence
  - Bill of Rights
  - Preamble & U.S. Constitution
- U.S. and world geography
- Mexican-American War
- Civil War
- Emancipation
- Reconstruction
- Colonialism and Imperialism
- Labor Movements
- Great Migration in U.S.
- World War I
- Women's suffrage
- Harlem Renaissance; Lost Generation
- Russian Revolution
- Chinese Revolutions
- Mexican Revolution
- Mussolini's *What of Fascism*
- Hitler's *25-Point Plan*
- Great Depression and New Deal
- World War II
- The Holocaust
- State of Israel
- McCarthyism
- Korean War
- Civil Rights
- Vietnam
- The Cold War

### History Memorizations:

- Preamble to the U.S. Constitution
- Bill of Rights
- U.S. States & Capitals
- U.S. Presidents
- Gettysburg Address
- In Flanders Field
- Churchill's "Finest Hour" Speech excerpts

### Literature

#### Whole-Class Selections

*Dr. Jekyll and Mr. Hyde* by R.L. Stevenson

*To Build a Fire* by Jack London

*My Antonia* by Willa Cather

*Animal Farm* by George Orwell

*To Kill a Mockingbird* by Harper Lee

*Night* by Elie Wiesel

*A Raisin in the Sun* by Lorraine Hansberry

World War I Poetry

#### Selections from *The Anthology of American Poetry*

Longfellow, Emerson, Whitman, Dickinson, Frost, Wilfred Owen, Sandberg, E.E.Cummings, Langston Hughes

#### Short Stories

*An Occurrence at Owl Creek Bridge* by Bierce

*The Sniper* by Liam O'Flaherty

*The Monkey's Paw* by W.W. Jacobs

*The Gift of the Magi* by O. Henry

*The Necklace* by Guy de Maupassant

*All Summer in a Day* by Ray Bradbury



## **Curriculum Essentials: Grade Eight**

### **Poetry memorizations:**

“The Charge of the Light Brigade”

“Success is Countest Sweetest”

“Stopping by Woods on a Snowy Evening”

“Nothing Gold Can Stay”

“Fire and Ice”

“Harlem 2”

### **Grammar**

Review parts of speech; phrases and clauses and their correct usage; punctuation rules; common errors.

### **Writing**

Literary analysis essays, personal response essays, compare and contrast essays, persuasive writing, descriptive writing, speech, position paper, history research papers.



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### **Writing**

Literary analysis essays, character analysis essays, writing a speech, writing dialogue for drama, major theme essays, personal response essays, compare-and-contrast essays, persuasive writing, position paper, descriptive writing, editorial, history research paper.

### **Science**

*Physical Science with Earth Science (McGraw Hill 2012)*

Nature of science, linear and projectile motion, Newton's Laws, gravitation, circular motion, center of gravity, conservation laws (momentum, angular momentum, energy), work and energy, atomic nature of matter, heat, thermodynamics, waves, sound, light, electrostatics, current, circuits, magnetism, elements, compounds, bonds and reactions, organic chemistry, Earth's interior and plate tectonics, geomorphology, weather and climate, astronomy and cosmology

### **Mathematics**

*Introduction to Algebra*

Properties of operations, operations and equations with all real numbers, solve proportions, graph on the coordinate plane, write functions of lines, function notation, arithmetic and geometric sequences, pythagorean theorem, scatterplots

*Intermediate Algebra*

Solving linear equations and inequalities, problem solving with real and rational numbers, polynomial arithmetic, factoring polynomials, mixture and work problems, rules of exponents, scientific notation, linear and quadratic functions, using irrational numbers

*Geometry*

Proofs, points, lines, planes, polygons, circles, area, volume, coordinate geometry, transformations.

### **Latin**

Latin IV (*Oxford Latin Course Part III*: Oxford University Press; *Ecce Romani III*, Pearson)

Reading and translation of Latin stories in conjunction with extensive review and drill of grammar topics.

New to Nova: SOR Latin I (Latin I and II) (*Cambridge Latin Course, Units 1 and 2*; Cambridge University Press))

Introduction to Latin and Latin II in one year.

### **Logic**

(Full Year Course)

Formal deductive logic applied to classification, definitions, argumentation, and beginning rhetoric.

### **Art**

*Discovering Art History*, Davis Publications

Art history: Realism to contemporary art. Major projects: social-issue art, Impressionist painting, Surrealist sculpture, self-portraiture.

### **Music**

*Share the Music Series*, Macmillan/McGraw-Hill



NOVA CLASSICAL ACADEMY

## **Curriculum Essentials: Grade Eight**

*Five Minutes to Reading Music*, Shawnee Press

*An Illustrated History of Music for Young Musicians: Romantic Period and Twentieth Century*,  
Summy-Birchard

Romantic and modern music history and appreciation, singing in three-part harmony, sight-reading melodic lines, music theory.

### **Physical Education and Health**

Team sports, individual and lifetime activities, fitness exercise and assessment, non-communicable diseases, safety, emergencies, CPR and First Aid.