



## SEVENTH GRADE | EIGHTH GRADE

\*currently a multi-age classroom\*

### Grammar & Composition

#### *Seventh Grade*

##### A. Curriculum:

- a. *Get Smart: Grammar Through Sentence Diagramming, Elizabeth O'Brien*
- b. *Elements of Style, Strunk & White*

##### B. Grammar

- a. Sentence Diagramming
- b. 8 Parts of Speech
- c. Clause: Independent vs. Dependent Clauses, Adverbial Clauses, Noun Clauses
- d. Verbals: Participle, Participle Phrase, Gerund, Gerund Phrase, Infinitive, Infinitive Phrase

##### C. Composition:

- a. Outlines
- b. Drafts
- c. Rhetorical Polishing
- d. Citations, Use of Quotations

#### *Eighth Grade*

##### A. Curriculum:

- a. *Get Smart: Grammar Through Sentence Diagramming, Elizabeth O'Brien*
- b. *Elements of Style, Strunk & White*

##### B. Grammar

- a. Sentence Diagramming
- b. 8 Parts of Speech

- c. Clause: Independent vs. Dependent Clauses, Adverb Clauses, Noun Clauses, Adjective Clauses
  - e. Verbals: Participle, Participle Phrase, Gerund, Gerund Phrase, Infinitive, Infinitive Phrase
- C. Composition
- a. Outlines
  - b. Drafts
  - c. Rhetorical Polishing
  - d. Citations, use of quotations

## Literature

### Seventh Grade

- A. Poems, which may include:
  - a. "The Charge of the Light Brigade," Alfred Lord Tennyson
  - b. "Harlem," Langston Hughes
  - c. "This Is Just to Say," William Carlos Williams
  - d. "Macavity: The Mystery Cat," T.S. Eliot
- B. Elements of Poetry:
  - a. Stanzas and Refrains
  - b. Forms: Ballad, Sonnet, Lyric, Narrative, Limerick, Haiku
  - c. Types of Rhyme: End, Internal, Slant, Eye
- C. Novels/Novellas, which may include:
  - a. *Fahrenheit 451*, Ray Bradbury
  - b. *A Christmas Carol*, Charles Dickens
  - c. *Dr. Jekyll and Mr. Hyde*, Robert Louis Stevenson
  - d. *The Call of the Wild*, Jack London
- D. Short Stories, which may include:
  - a. "The Gift of the Magi," O. Henry
  - b. "The Tell-Tale Heart," Edgar Allan Poe
- E. Essays and Speeches, which may include:
  - a. Declaration of War on Japan, Franklin D. Roosevelt
  - b. The Night the Bed Fell, James Thurber
- F. Drama, which may include:
  - a. *Cyrano de Bergerac*, Edmond Rostand
  - b. *Romeo and Juliet*, William Shakespeare

- G. Foreign Phrases Commonly Used in English, including *prima facie*, *carpe diem*, *quid pro quo*

### *Eighth Grade*

- A. Poems, which may include:
  - a. "I dwell in possibility," Emily Dickinson
  - b. Sonnet 18, William Shakespeare
  - c. "The Lake Isle of Innisfree," William Butler Yeats
  - d. "My Heart Leaps Up," William Wordsworth
- B. Elements of Poetry: metaphor & simile, imagery, symbol, personification, allusion
- C. Novels/Novellas, which may include:
  - a. *Lord of the Flies*, William Golding
  - b. *To Kill a Mockingbird*, Harper Lee
  - c. *The Red Badge of Courage*, Stephen Crane
- D. Short Stories, which may include:
  - a. "The Open Boat," Stephen Crane
  - b. "God Sees the Truth But Waits," Leo Tolstoy
- E. Essays and Speeches, which may include:
  - a. Inaugural Address, John F. Kennedy
- F. Drama, which may include:
  - a. *Much Ado About Nothing*, William Shakespeare
- G. Foreign Phrases Commonly Used in English, including *au revoir*, *c'est la vie*, *faux pas*

## **Mathematics**

### *Curriculum: Singapore Math*

### *Seventh Grade*

- A. Factors & Multiples
- B. Real Numbers
- C. Introduction to Algebra
- D. Algebraic Manipulation
- E. Simple Equations in One Variable
- F. Ratio, Rate, & Speed
- G. Percentage
- H. Angles, Triangles, & Quadrilaterals
- I. Number Patterns

- J. Coordinates & Linear Graphs
- K. Inequalities
- L. Perimeters & Areas of Plane Figures
- M. Volumes & Surface Areas of Solids
- N. Proportions
- O. Data Handling
- P. Probability of Simple & Combined Events

### *Eighth Grade*

- A. Exponents & Scientific Notation
- B. Linear Equations in Two Variables
- C. Expansion and Factorization of Algebraic Expressions
- D. Quadratic Factorization & Equations
- E. Simple Algebraic Functions
- F. Congruence & Reflections
- G. Parallel Lines & Angles in Triangles & Polygons
- H. Graphs of Linear & Quadratic Functions
- I. Graphs in Practical Situations
- J. Pythagorean Theorem
- K. Coordinate Geometry
- L. Mensuration of Pyramids, Cylinders, Cones & Spheres
- M. Data Analysis

## **Science**

### *Seventh Grade*

- A. *Curriculum: Science Explorer Series: Cells and Heredity, Chemical Building Blocks, Chemical Interactions*
- B. Atomic Structure
- C. Chemical Bonds and Reactions
- D. Chemistry of Food and Respiration
- E. Cell Division and Genetics
- F. History of the Earth and Life Forms
- G. Evolution

### *Eighth Grade*

- A. *Curriculum: Conceptual Physics by Paul Hewitt*

- B. Motion: Velocity and Speed
- C. Forces
- D. Density and Buoyancy
- E. Work
- F. Energy
- G. Power
- H. Electricity
- I. Magnetism
- J. Electromagnetic Radiation and Light
- K. Sound Waves

### **Subjects On a Two-Year Rotation:**

#### YEAR A (2020-2021)

- H. History & Geography
  - a. Students may read:
    - i. *All Quiet on the Western Front*, Erich Maria Remarque
    - ii. *Animal Farm*, George Orwell
    - iii. *The Diary of a Young Girl*, Anne Frank (selections)
  - b. America Becomes a World Power
  - c. Geography of Western and Central Europe
  - d. World War I
  - e. Geography of Russia
  - f. The Russian Revolution
  - g. America in the 1920s
  - h. The Great Depression
  - i. Roosevelt and the New Deal
  - j. The Rise of Totalitarianism in Europe
  - k. World War II in Europe and at Home
  - l. World War II in the Pacific, and the End of the War
  - m. Geography of the United States
- I. Art
  - a. Impressionism
  - b. Post-Impressionism
  - c. Expressionism and Abstraction
  - d. Modern American Painting
- J. Music

- a. *Curriculum: Core Knowledge*
  - b. Non-Western Music
  - c. Classical Music: Nationalists and Moderns
  - d. Vocal Music: Opera
  - e. Vocal Music: American Musical Theater
- K. Latin
- a. *Curriculum: Latin Alive!, Moore & DuBose*

## YEAR B (2021-2022)

1. History & Geography
  - a. Students may read:
    - i. *One Day in the Life of Ivan Denisovich*, Aleksandr Solzhenitsyn
  - b. Civics: The Constitution – Principles and Structure of American Democracy
  - c. Breakup of the British Empire
  - d. Creation of People's Republic of China
  - e. The Cold War: Origins and Korean War
  - f. America in the Cold War
  - g. The Civil Rights Movement
  - h. The Vietnam War
  - i. The Rise of Social and Environmental Activism
  - j. Geography of the Middle East
  - k. The Middle East and Oil Politics
  - l. The End of the Cold War
  - m. Contemporary Europe
  - n. The End of Apartheid in South Africa
  - o. Geography of Canada
  - p. Geography of Mexico
2. Art
  - a. Painting since World War II
  - b. Photography
  - c. 20<sup>th</sup>-Century Sculpture
  - d. Architecture Since the Industrial Revolution
3. Music
  - a. *Curriculum: Core Knowledge*
  - b. Classical Music: Romantic Composers and Works
  - c. Classical Music: Music and National Identity

- d. American Musical Traditions: Blues & Jazz
- 4. Latin
  - a. *Curriculum: Latin Alive!, Moore & DuBose*