



## NINTH GRADE

### Composition

- A. Curriculum:
  - a. *Grammar by Diagram*, Cindy Vito
  - b. *Elements of Style*, Strunk & White
- B. Grammar
  - a. Review: Sentence Diagramming
  - b. Review: 8 Parts of Speech
- C. Composition
  - a. Outlines
  - b. Drafts
  - c. Rhetorical Polishing
  - d. Citations, Use of Quotations

### Literature

- A. Works may include:
  - a. *The Odyssey*, Homer
  - b. *The Iliad*, Homer
  - c. *Oedipus Rex*, Sophocles
  - d. *Antigone*, Sophocles
  - e. *The Aeneid*, Virgil
  - f. *Metamorphoses*, Ovid
  - g. *Julius Caesar*, William Shakespeare

### History

*Curriculum: Western Heritage Reader, Hillsdale College*

- A. Early History & Ancient Civilizations
- B. The Hebrews
- C. Ancient Greece
- D. Roman Republic
- E. Roman Empire
- F. Christianity and the Early Christian Church

**Mathematics: Geometry**

*Curriculum: A Course in Geometry, Weeks & Adkins*

- A. Basic Ideas of Geometry
- B. Line Segments and Angles as Numerical Quantities
- C. Proof
- D. Triangles
- E. Constructions
- F. Perpendicular Lines and Planes
- G. Parallel Lines
- H. Polygons and Angle Relationships
- I. Quadrilaterals
- J. Parallel Lines and Planes
- K. Further Study of the Triangle
- L. Inequalities
- M. Ratio and Proportion
- N. Similar Figures
- O. Areas and Volumes
- P. Using Coordinates in Geometry
- Q. Geometry of the Circle
- R. Measurements in a Circle
- S. Geometry on the Surface of a Sphere

**Science: Biology**

*Curriculum: Teacher Discretion – BSCS Biology: A Molecular Approach; Biology, Miller & Levine; Biology: Raven & Johnson*

- A. Scientific Method; Basic Chemistry and Biochemistry
- B. Cell structure and Function
- C. Genetics
- D. Evolution and Classification
- E. Microorganisms, Fungi, Plants
- F. Animals
- G. Human Body
- H. Ecology

### **Latin**

*Curriculum: Wheelock's Latin, 7<sup>th</sup> ed., Wheelock & LaFleur*

- A. Chapters 1-32