The Vanguard School Junior High
Seventh Grade Curriculum Outline

English
Literature
- Introductory analysis
- Spelling, vocabulary derived from literature
- Selections
  - *Johnny Tremain* by Esther Forbes
  - "The Legend of Sleepy Hollow" and "Rip Van Winkle" by Washington Irving
  - *A Christmas Carol* by Charles Dickens
  - *The Pearl* by John Steinbeck
  - Either *A Midsummer Night's Dream* or *Much Ado About Nothing* by William Shakespeare
  - *The Time Machine* by H.G. Wells

Writing and Grammar
- *Warriner's English Grammar & Composition*
- Parts of speech to develop vivid writing
- Prepositional and participial phrases for sentence fluency and style
- Independent and subordinate clauses for combining sentences
- Bi-weekly composition practice and instruction

Speeches & Poetry
Latin
- Latin IA & Latin IIA

Science
Life-Structure & Function
- Classification
- Cell structure, function, and division
- Genetics
- The environment and change over time

From Bacteria to Plants and Animals
- Bacteria and viruses
- Protists and fungi
- Plant processes and reproduction
- Animal Structure and function

Human Body Systems
- Digestion and excretion
- Respiration and circulation
- Immunity and disease

Interactions of Life
- Population and communities
- Biomes and ecosystems

History
Rise of the American Nation
- Exploration
- Colonialism in the Western hemisphere
- French and Indian War
- Reasons/cause for the Revolutionary War
- Declaration of Independence
- Revolutionary War
- Articles of Confederation
- US Constitution
- Washington and Jefferson presidency
- Louisiana Purchase
- Lewis and Clark
- War of 1812
- Monroe Doctrine
- Early American Industrial Revolution
- Growth of Southern way of life
- Slavery and abolition movement
- Westward expansion
- Early 1800's political compromise
- Civil War

Math- Saxon
Course 2
- Proficiency in operation
- Simple ratios
- One and two-step word problems
- Area of triangles, rectangles, irregular shapes

Course 3
- Ratios and proportions
- Percent increase, tax, tips, and discounts
- Area and perimeter of all basic shapes
- Area and circumference of circles
- Scientific notation
- Simplify expressions, solve equations
- Graph a line in slope intercept form

Algebra I
- Graph functions
- Simplify complex expressions
- Solve complex equations
- Factor trinomials
- Real world word problems
- Statistics and probability