

Subject Areas	Grade 6	Grade 7	Grade 8	
<p>Christian Studies</p> <p>The <i>Voyages</i> curriculum from Concordia Publishing House provides the basic program of instruction at all grade levels. The study of God's Word and its application to young lives is integral to the program. (home room)</p>	<p>The sixth grade centers its studies on the life of Jesus, using the Gospel of Matthew as a primary source. Lessons focus on His parable, miracles and teachings about the Kingdom of God. Other studies include the history of the early Christian church and the work of Paul. Worship, baptism and the Lord's Supper are also examined.</p>	<p>The New Testament course emphasizes God's saving love for people:</p> <ul style="list-style-type: none"> • The Holy Spirit's power to change, heal and strengthen • History of the early church • The travels and ministry of Paul • Biblical principles and daily living • Survey of major events in Jesus' life 	<p>The Old Testament course is an overview study from Creation in the Garden of Eden, through Noah, the Flood, the Patriarchs, the Exodus, King David, the Prophets and the Divided Kingdom to the time of Christ. God's plan of salvation is revealed at Eden and continues to be revealed throughout the Old Testament.</p>	
<p>Social Studies</p> <p>Students study the interaction of mankind with the earth and with other cultures down through history. Instructional materials come from Bob Jones University and the <i>Adventures in Time and Place</i> series by Macmillan Publishing. (home room)</p>	<p>World History</p> <p>Students learn about the ancient civilizations through the age of great explorations. Units of study include Egypt, Mesopotamia, China, Greece, Rome, the Aztecs, the Inca, Maya, and the Renaissance.</p>	<p>World Geography</p> <p>Geography fosters knowledge of the world around us:</p> <ul style="list-style-type: none"> • Examine landforms, climates, resources and cultures of various countries on each continent. • Integrate study with current events. • Facilitate map skills. 	<p>History of the United States</p> <p>Examine and study the history of the U.S. from Columbus to the present. Special emphasis is placed on the Christian beginnings of our country and the wars that have had a profound effect on its development.</p>	
<p>Science and Health</p> <p>Students learn to use a variety of process skills to perform tasks leading to self direction in learning. Skills include collection and organization of data, journaling, research and presentation of information, experimentation, and problem solving. (departmental)</p>	<p>Earth Science</p> <p>The first units of study in the 6th grade examine the scientific method and metric measurement. Emphasis is placed on performing experiments as they study basic chemistry, rocks, minerals, erosion, fresh water and oceans, the atmosphere and astronomy. Earth geology is examine through the activity of earthquakes and volcanoes as understood using plate tectonic theory.</p>	<p>Life Science</p> <p>The 7th grade centers its study on biology. As much as possible, students perform experiments or do lab activities as they study cell theory, classification, heredity and a systematic look at the five kingdoms of living organisms. The year ends with a study of the human body.</p>	<p>Physical Science</p> <p>Eighth graders study physics and chemistry through hands on activities and experiments. Students learn by doing as they look at motion, forces, energy, waves, work, and mechanics. The study of electricity leads to atomic theory, chemical bonding, chemical reactions and chemical families.</p>	
<p>Mathematics</p> <p>Four levels of math are offered to Forest Hills students. The Glencoe Publishing middle school math program is used for three of the courses. Eighth graders take algebra if they are ready.</p>	<p>6 - Math Applications & Concepts emphasizes place value, numeration, fractions, mixed numbers, decimals, integers and variables. Students are also introduced to algebraic principles.</p>	<p>7 - Pre-Algebra covers the basics of algebra from order of operations through integers and solving multi-step problems. Algebra is applied to geometry and polynomials. Problem solving and applications are emphasized in each area.</p>	<p>8 - Transition Math is more preparation for algebra. Concepts are taught through application to the real world. A wide variety of meaningful problem-solving opportunities are presented. The format offers additional preparation for algebra.</p>	<p>8 - Algebra is offered to advanced students. Concepts from pre-algebra are reviewed and expanded. Factoring, Functions, Linear Equations, Radical Expressions, Quadratics and Trigonometry are also covered.</p>

