

Middle School Standards

One-on-One Laptop Program Learning Outcomes

LANGUAGE ARTS

Students are exposed to different cultural themes of traditional and contemporary literature as listed below. The literature is a starting point for their writing.

- Folklore
 - Short stories
 - Poetry
 - Nonfiction
 - Drama
- Students improve reading, spelling, vocabulary, speaking, and grammar skills through learning strategies and structures.
 - Speech skills are practiced for balanced literacy skills.

SCIENCE

- Learn about the basic knowledge of earth science covering topics such as the study of minerals, rocks, glaciers, volcano, earthquakes, plate tectonics, meteorology, maps, oceanography, erosion and weathering, astronomy, and space travel.
- Perform hands-on laboratory exercises in the high school lab.
- Realize problem-solving techniques as they deal with organisms, plants, animals, heredity, human life, health, and the environment.

MATHEMATICS

- Further their development in computation skills with whole numbers, decimals, and fractions
- Learn equation solving
- Simplify algebraic expressions
- Demonstrate problem-solving
- Learn about abstract concepts
- Work with geometric concepts

SOCIAL STUDIES

- Explore world locations, human-environmental interactions, movement, and regions of the world practicing map, globe, and graph skills with an emphasis on application.
 - Explore world cultures with an emphasis on people, places, and terms as they learn about the United States, Canada, Latin America, Europe, and Russia.
 - Complete a comprehensive study of the American nation from its very inception to industrialism. the economic, technical, political, cultural, social, and international developments of America are studied in depth.
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Middle School, continued

TECHNOLOGY

- Students practice Windows and Office applications using Word, Excel, and PowerPoint and Web 2.0 tools. Students will learn about technology related information and current issues and how to use the internet for researching.

THEOLOGY

- Students are introduced to our ancestors in faith: Abraham, Sarah, Isaac and their descendants as found in the Hebrew (Old Testament) Scriptures. Moreover, students encounter the special commitment of God to His chosen people through the covenants made with each major patriarch, along with God's ultimate promise of a Messiah, a savior fulfilled in the Person of Jesus.
- Students are introduced to the issues of Christology. They are invited to follow Jesus as a member of a family and community of faith by increasing their relationship with Jesus centered in the Eucharistic Celebration. Students are thereby led to an awareness of a commitment to and a personal responsibility for family, parish, school, and community.

WORLD LANGUAGES

- Students may choose from Mandarin Chinese, Spanish, Italian, French, or generic world language curriculum including the above languages combined.
- Begin to develop competency in a language other than English.
- Learn about cultures different from their own.
- Achieve a better understanding of their own language and culture by providing a basis for comparison.
- Acquire the disciplined study habits required for World Language learning.

PHYSICAL EDUCATION

- Students develop positive attitudes toward lifetime activities, sportsmanship, and personal fitness.
- Promote basic physical skills and the knowledge necessary to perform a variety of lifelong physical activities.
- Promote sound mental health by developing physical, social, and emotional competencies.
- Develop positive attitudes toward physical fitness and healthy lifestyles.
- Provide knowledge of the benefits from involvement in physical activity.
- Demonstrate safe practices in all physical activities.
- Learn to succeed in both individual and team sports.

PERFORMING ARTS

- Students develop musical skills in sight, singing, vocal exercises, harmonizing concepts, and the art of performing.
- Students who have basic proficiency on an instrument such as brass, woodwind, percussion, guitar, electric bass, and/or piano, perform at school events.

FINE ARTS

- Students explore a variety of media techniques and methods. Projects focus on the elements of art (line, forms, color, value, texture) and principles of design (balance, variety, harmony, and emphasis).