

# High School Standards

## One-on-One Laptop Program Learning Outcomes

### **LANGUAGE ARTS**

- Strengthen skills in vocabulary, composition, and literature
- Develop a critical analysis of selected works of literature
- Develop mature writing skills in content, style, and form including writing resumes and a formal research paper

### **SCIENCE**

- Demonstrate the ability to analyze and think critically
- Develop problem-solving and decision-making abilities
- Become familiar with various technology used in a modern society
- Research scientific topics and be able to access appropriate resources
- Develop attitudes of curiosity and involvement with occurrences in his/her environment
- Develop those processes of inquiry by which scientific problems are explained, predicted, and/or controlled
- Handle, construct, and manipulate materials and equipment in a productive and safe manner
- Develop knowledge of facts, concepts, terminology, and generalizations which help the students interpret their surroundings
- Demonstrate the ability to write scientific research papers

### **MATH**

- Apply mathematical concepts, procedures, and computational skills at a level that corresponds to individual ability
  - Acquire and apply problem-solving skills and strategies
  - Collect, organize, and interpret data using appropriate statistical methods
  - Understand the concept of measurement, while using appropriate measuring devices and techniques accurately
  - Develop estimation skills
  - Develop logical and critical thinking skills at all levels
  - Comprehend and process written information into mathematical terminology
  - Translate mathematical concepts and processes into written or verbal form
  - Appreciate the role that mathematics has in the real world
  - Develop competence with available technological resources and appreciation for the appropriate use of technology in problem solving
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## High School, continued

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### **SOCIAL STUDIES**

- Demonstrate basic knowledge of social studies facts, concepts, and understandings
- Apply skills used to think, learn, and perform in the various disciplines of social studies
- Analyze, utilize, and communicate information
- Interact effectively with others through interpersonal and social participation skills
- Formulate and evaluate values and value systems as they apply to one's self and to others
- Become familiar with information-processing technology
- Have opportunities to interpret social studies concepts and understandings in personal ways, as well as through group consensus
- Understand how the various disciplines in social studies can provide insights and alternatives to human problems

### **PERFORMING ARTS**

The music department incorporates the National Standards for Performing Arts through the content and achievement standards listed below.

- Sing, alone and with others, a varied repertoire of music
- Perform on instruments, alone and with others, a varied repertoire of music
- Improvise melodies, harmonies, and accompaniments
- Compose and arrange music within specified guidelines
- Read and notate music
- Listen to, analyze, and describe music
- Evaluate music and musical performances
- Understand relationships between music, the other arts, and disciplines outside the arts
- Understand music in relation to history and culture

### **PHYSICAL EDUCATION:**

- 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

### **FINE ARTS**

- Develop an understanding of Art History
  - Develop an ability to use and manipulate materials to create art work
  - Develop problem solving skills
  - Demonstrate communication of ideas through visual art
  - Develop an awareness of careers in the art field
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## High School, continued

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### **THEOLOGY**

- Acquire an understanding of our faith
- Be open to the reality of God and faith
- Deepen commitment to our faith
- Strive to live and give witness to our faith in a pluralistic society
- Be exposed to and take an active part in good faith experiences
- Be part of a community that encourages us to share in the creation of an atmosphere and attitudes that build a sense of community
- Develop the ability to evaluate and establish Christian values
- Develop the ability to interact effectively with others through interpersonal and social participation skills
- Understand the service dimension of our Christian opportunity, the challenge and obligation for stewardship to the school, community, nation, and world

### **WORLD LANGUAGE – Spanish/Italian/French/Mandarin Chinese**

- Develop competency in a language other than English
- Know, respect, and appreciate a culture different from their own
- Achieve a better understanding of their own language and culture by providing a basis for comparison
- Foster a curiosity about the global community and expand individual awareness of global issues
- Acquire the disciplined study habits required for World Language learning

