

## **Seventh Grade General Studies Curriculum Overview**

This simple description shares the large core objectives for each subject. Detailed learning concepts for each of the core elements may be obtained by contacting the General Studies Principal.

### **Language Arts**

- Use a variety of strategies to expand reading, listening, writing, and speaking skills.
- Understand the meaning of texts using a variety of comprehension strategies.
- Read and respond to a variety of reading materials and genre.
- Compose various pieces of writing with correct structure and grammar.
- Understand and communicate effectively through listening and speaking.
- Read and analyze specific books, themes or characters.
- Engage effectively in a range of collaborative discussions with diverse partners about a variety of topics while expressing ideas clearly.

### **Writer's Workshop**

- Use a combination of writing strategies to produce and publish writing while avoiding plagiarism and identifying sources.
- Understand, analyze and use different types of print, digital and multimodal media.
- Demonstrate a command of the conventions of standard English grammar and usage when writing and speaking.
- Integrate and transfer speaking, writing, and research skills into other academic areas.
- Write arguments focused on specific grade level content.
- Write informative and explanatory texts as they apply to each discipline and reporting format.

### **Library Sciences**

- Identify and locate various book and magazine collections.
- Evaluate materials for personal use and study materials.
- Identify and research various authors, illustrators and literary awards.
- Conduct research.

### **Math – Foundations of Algebra**

- Analyze proportional relationships and use them to solve real world and mathematical problems.
- Apply and extend previous understandings of multiplication and division and of fractions to multiply and divide rational numbers.
- Use properties of operations to generate equivalent expressions.
- Solve real life and mathematical problems using numerical and algebraic expressions and equations.
- Draw, construct and describe geometrical figures and describe the relationships between them.
- Solve real life and mathematical problems involving angle measure, area, surface area and volume.
- Use random sampling to draw inferences about a population.
- Draw informal comparative inferences about two populations.
- Investigate chance processes and develop, use and evaluate probability models.

### **Physical Education**

- Demonstrate listening skills and proper behavior.
- Participate in warm-up and cool-down activities.
- Master fundamental motor skills.
- Master basic manipulative activities.
- Learn the importance of physical fitness.

- Demonstrate proper behavior and hygiene.
- Learn specific rules for individual, dual, and team activities.

### **Science (STEM activities)**

- Scientific inquiry uses multiple interrelated processes to investigate questions and propose explanations about the natural world.
- Describe the interdependence among living systems.
- Understand that human beings are constantly interacting with other organisms that cause disease.
- Tissue, organs and organ systems are composed of cells and function to serve the needs of all cells for food, air and waste removal.
- Patterns of atmospheric movement influence global climate and local weather.
- Substances can undergo physical and chemical changes which may change the properties of the substance but do not change the total mass in a closed system.

### **Social Studies – World History**

- Acquire geographical knowledge of places, people and environments.
- Collect factual knowledge on various historical civilizations, focusing on the daily life of people and significant events and people.
- Recognize the important influence of major world religions.
- Evaluate the social, political, religious and economic dynamics that have shaped and emerged throughout the world.
- Examine changing forms of cross-cultural contact, conflict and cooperation that resulted from the interconnections between Eurasia, Africa, and the Americas.
- Evaluate the social, political and economic impact of wars, revolutions and major events and connect them to today's current political and economic systems.

### **Technology**

- Utilize a word processing program.
- Use multimedia authoring and presentation tools.
- Create and manipulate a spreadsheet and database.
- Access and utilize the Internet.
- Create a variety of quality projects using technology.
- Conduct research.