

# **St. Valentine School Curriculum Highlights**

## **Grade 7**

### **Students entering Grade 7 will be expected to:**

- Students will continue to develop more independent organizational skills.
- They will acquire acceptable social skills; grow in self-confidence and responsibility.
- Participate fully in class discussion and activities.
- Leadership roles in the school community are encouraged.
- Follow the St. Valentine Student Code of Conduct.
- Be responsible for and accountable for their school work and their actions.
- Students will keep a homework planner updated daily.

Parents and teachers will guide the students in this ongoing process. A class website updated weekly will facilitate this process.

### **RELIGION**

The course of study for grade 7 religion includes:

- Gospel study for Sunday and School liturgies
- Faith Formation Benchmarks which include:
  - Personal Prayer
  - Stations of the Cross
  - The Gospels
- School wide Faith Formation topics which follow a four year cycle of:
  - The Mass
  - The Saints
  - Old Testament
  - New Testament

Students will also participate in the preparation of school liturgies and various prayer services.

### **LITERATURE**

Students in grade 7 will study the literary elements through:

- Fiction
- Realistic Fiction
- Drama
- Informational Text

Study will be comprised of class discussions, written responses, essays and class presentations. Students will work to meet an Accelerated Reader goal each marking period.

### **WRITING/GRAMMAR**

Writing course curriculum for grade 7 students will include writing the following:

- Compare and contrast paper
- Argumentative paper

- Research paper
- Cross-curriculum papers and essays
- Poetry

Students will also be expected to present their papers orally.

## **SCIENCE**

Science for students in grade 7 builds on the process skills introduced in grade 6. Students develop their ability to work in a laboratory setting, using basic instrumentation, scientific methodology and a hands-on approach to problem solving.

Scientific concepts to be stressed in grade 7 will include but not be limited to:

- Earth and living things
- Chemistry of living things
- Cells and living things
- Cell processes
- Heredity
- Diversity of living things
- History of life
- Classifying living things
- Viruses and monerans
- Protists and fungi
- Plants
- Nonflowering plants
- Flowering plants
- Invertebrates
- Fishes, Amphibians, and Mammals
- Birds and Mammals
- Life stages
- Disease and immune system

## **HEALTH**

Studies in this area for Grade 7 will give students information and opportunities to build life-long health habits. They will include:

- Think First Stay Safe program
- Weekly editions of Current Health

## **HISTORY**

Students in grade 7 will study:

### **EASTERN HEMISPHERE**

- How to use maps, charts and graphs
- How to analyze the organization of people, places and environments on earth's surface
- How physical processes shape the pattern of the Earth's surface

- How culture and experience influence people's perception of places and regions
- How the forces of cooperation and conflict among people have influenced the division and control of the Earth's surface
- How human actions modify the physical environment
- How to apply geography to interpret the past, present and future
- How a supply of resources impacts a country's economy

## **MATHEMATICS**

Students in grade 7 will study:

- Numbers and numeration
- Addition, subtraction, multiplication and division of whole numbers, decimals and fractions and mixed numbers
- Basic algebraic expressions, equations and inequalities
- Properties of addition and subtraction
- Order of operations
- Integers
- Number theory
- Percents
- Ratio and proportions
- Graphing ordered pairs
- Plane geometry and solid geometry
- Estimation
- Problem solving
- Measurement

Students qualifying for pre algebra will have the following topics:

- Introductory algebraic work
- Integers
- Solving one step equations and inequalities
- Factors
- Fraction
- Rational numbers
- Two step equations
- Equations with variables
- Multi step inequalities
- Functions and graphing
- Ratio, proportion and percent
- Plane and solid geometry
- Problem solving

## **PHYSICAL EDUCATION**

Students in the Middle school will participate in the following sports and activities throughout the school year:

- Physical fitness testing

- Soccer
- Football
- Team handball
- Basketball
- Volleyball
- Bowling
- Floor hockey
- Wellness programs
- Game skills
- Hoops for hoops

## **LIBRARY**

Students in Grade 7 will:

- Work on collaborative projects between teachers and the librarian
- Research information
- Participate in special events

Grade 7 students will have Art, Computer, Physical Education, and Music/Band during the course of each week. Grade 7 will have Spanish class twice a week. Grade 7 will participate in 2-4 field trips that correlate with their studies. One of the field trips will be an overnight trip to a nature preserve.