



## Program of Studies Overview

– Seventh Grade –



### **Mathematics**

*Seventh grade students have two math course options. Students are placed in either course based on developmental readiness and assessment results.*

**The instructional focus of the *Compacted 6th/7th Pre-Algebra* is on the following mathematical strands:**

- Ratio Proportional Relationships
- The Number System
- Expressions and Equations
- Functions
- Geometry
- Statistics and Probability

**The instructional focus for *Integrated Math I* (the first of two high school level courses offered at SJPII Catholic School) is on the following standards/competencies:**

- Solve, apply, model, interpret Linear Equations and Inequalities, including systems of equations and inequalities
- Solve, apply, model, interpret Exponential Equations
- no, interpret and compare data/statistics
- Solve, apply, model, interpret Quadratic Equations



### **Science**

*Seventh grade science students explore three major curricular areas.*

- Process Skills: (Review metric math, lab safety, scientific method and graphing lab data)
- Life Science (Structures/Functions of Living Organisms, Genetics, Human Anatomy and Physiology)
- Physical Science (Physics of Motion, Forces, Momentum, and Energy: Conservation and Transfer)



### **English Language Arts**

*Seventh grade ELA students focus on the following curricular areas:*

- Reading (Comprehension, Fluency, Vocabulary)
- Writing (Craft, Grammar, and Mechanics)
- Speaking and Listening (Shared Inquiry)
- Language (Grammar and Vocabulary)



### **Social Studies**

*Seventh grade social studies curriculum focuses on Africa, Asia, and Australia. History emphasizing the following skills.*

- Employ Historical Thinking Skills
- Analyze historical events from a variety of perspectives to understand complexity of issues
- Utilize Inquiry Based Learning - Water Unit Study and Fundraiser
- Incorporate Catholic Social Teaching
- Analyze and create historical maps, charts



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### **Religion**

*Seventh grade religion focuses on the New Testament, using Sophia Institute Press resources.*

- *Explore the development and structure of scripture*
- *Explore the form, matter and effects of the Sacraments*
- *Examine human development in light of Christian anthropology*
- *Explore modes of prayer including Lectio Divina*



### **Foreign Language**

Seventh grade students expand on Spanish language ideas, concepts, and skills previously learned through listening, speaking, reading, writing, and cultural awareness. Grammar will focus on present tense verb conjugations.



### **Visual Arts**

Pre-kindergarten through eighth grade students learn to have the confidence to see themselves as artists as they explore a variety of media to produce art. St. John Paul II's visual arts program provides students an opportunity to learn about various artists, art movements, cultures, and artwork throughout the world and throughout history. Students develop higher-level thinking as they discuss, critique, form ideas, and make connections through the study of art.



### **Music**

At SJPII, pre-k through 8th grade students are provided with opportunities to appreciate music while using it to deepen and enrich their spiritual lives. Students are able to discover their God-given talents through listening, singing, performing, discussing, composing, and evaluating music in local, regional, and global contexts. With their deeper understanding of music and its role in the Catholic religion, students are more prepared to fully participate in Liturgy.



### **Physical Education**

The Physical Education program follows the NC Diocese of Raleigh Curriculum by integrating the components into sports specific based learning. The large field and activity center are used to facilitate classes. Adjustments and alternative exercises will be provided as necessary. All students will continually strive to improve/master all areas of Locomotor skills at SJPII.



### **Extracurricular Athletics**

SJPII Catholic School offers numerous extracurricular athletic opportunities for students including the following:

- Girls and Boys Basketball, Cross Country, Golf, and Soccer
- Girls Volleyball
- Boys Baseball