



## Program of Studies Overview

– First Grade –



### **Mathematics**

#### Operations and Algebraic Thinking

- Represents and solves addition and subtraction problems
- Add and subtracts within 20
- Memorizes addition and subtraction facts – demonstrating fluency within 10

#### Number and Operations in Base Ten

- Understand place value
- Use place value understanding to add and subtract
- Identifies and knows the value of a penny, nickel, dime, and quarter
- Shows different combinations of coins that equal the same value

#### Number and Operations Fractions

- Develop concepts of fractions: halves, thirds, fourths

#### Measurement and Data

- Measures lengths in inches
- Orders and compares the lengths of 3 objects
- Tells and writes time to the hour and half hour
- Represents and interprets data
- Identifies, copies, continues, and describes patterns

#### Geometry

- Identifies and describes the attribute of two dimensional and three dimensional figures



### **Science**

#### Physical Science

- Understand how forces (pushes or pulls) affect the motion of an object.

#### Earth Science

- Understand the physical properties of Earth materials (rocks, soil, and water) that make them useful in different ways.
- Recognize features and patterns of the sun/earth/moon system.

#### Life Science

- Understand the characteristics of various environments and behaviors of humans that enable plants and animals to survive.
- Summarize the needs of living organisms for energy and growth.
- Identify characteristics of living organisms.



### **English Language Arts**

#### Reading Foundational Skills

- Print Concepts
- Phonological Awareness
- Phonics and Word Recognition
- Fluency



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### Reading

- Reading Comprehension
- Reading Vocabulary/Spelling
- Reading Fluency and Expression
- Speaking and Listening

### Writing

- Craft (6 traits)
- Grammar/Mechanics
- Handwriting/Word Processing (computer literacy)



### **Social Studies**

#### History

- Understand that history tells a story of how people and events changed society over time.

#### Geography and Environmental Literacy

- Use geographic representations, terms and technologies to process information from a spatial perspective.
- Understand how humans and the environment interact within the local community.

#### Economics and Financial Literacy

- Understand basic economic concepts.
- Identify the role of a variety of careers.

#### Civics and Governance

- Understand the importance of rules.
- Identify and exhibit qualities of good citizenship in the classroom, school, and other social environments.
- Understand the value of community service.

#### Culture

- Understands the diversity of people in the local community.
- Recognize the importance of family life: cultural, social, and spiritual.



### **Religion**

#### Knowledge of Faith

- God the Father-Creation
- God the Son-Jesus Christ
- God the Holy Spirit
- Sacraments of Initiation

#### Liturgical Education

- Liturgy - Experience Mass as a celebration of God's love for us and the primary way to worship God
- Liturgical year and prayers
- Sacraments and Sacramentals
- Saints and Mary

#### Moral Education

- We are made in God's image
- Formation of conscience



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- Using our virtues
- Commandments - Recognize that the Great Commandment asks us to love God with our whole heart, soul and mind and our neighbor as ourself

#### Teaching to Pray

- Prayer in Christian Life
- Forms of Prayers
- Memorized Prayer - Sign of the Cross, Our Father, Hail Mary, Doxology, Grace, Morning Offering, Prayer to Guardian Angel



#### **Foreign Language**

Students will be presented with learning activities that introduce and further expand or enlarge upon an idea, concept or skill previously learned through listening (A), speaking (B), reading (C), writing (D) and cultural awareness (E).

- Learn basic greetings through songs and skits.
- Introduce the alphabet and the vowel song.
- Learn to recognize and identify age appropriate vocabulary using stories and games: animals, shapes, family, parts of the body, fruits and vegetables, colors, numbers.
- Learn about basic different cultural hispanic traditions.
- The sign of the Cross
- Bilingual story books will be read at the end of class and students will be chosen to read out loud in English while the teacher reads in Spanish. Stories are chosen to be age appropriate.



#### **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.