

# PRIMARY LEARNING COMMUNITY (PLC)

## GRADES K-2 ACADEMICS



### Mathematics

In kindergarten and 1<sup>st</sup> grade our teachers implement the GO Math! Series. It offers interactive components to meet the learning needs of students and help them achieve academic success. In the PLC our teachers also use supplemental materials to promote hands-on learning that follow Florida State Standards. They include, but are not limited to, the following:

#### In kindergarten students will...

- Understand the relationship between numbers and quantities.
- Solve addition and subtraction problems within 10.
- Compose and decompose two digit numbers.
- Compare and classify objects using measurable attributes.
- Analyze and model two and three dimensional shapes.

#### In 1<sup>st</sup> grade students will...

- Add and subtract up to three numbers within 20.
- Compare two digit numbers based on place value.
- Tell and write time within hours and half-hours using analog and digital clocks.
- Identify  $\frac{1}{4}$ ,  $\frac{1}{2}$  and  $\frac{1}{3}$  of an object and a set.

#### In 2<sup>nd</sup> grade students will...

- Estimate lengths using units of inches, feet, yards, centimeters, and meters.
- Tell and write time from analog and digital clocks to the nearest 5 minutes.
- Read and write numbers to 1000 using base-ten numerals, number names, and expanded form
- Fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction.
- Solve one-step and two-step word problems involving dollar bills or coins.

### English/ Language Arts

The Superkids Reading Program addresses all aspects of reading and literacy for kindergarten through second grade. It is built on scientific research and proven pedagogy and combines rigorous instruction with engaging hands on materials. They include, but are not limited to, the following:

#### In kindergarten students will...

- Identify all 26 letters of the alphabet and one sound for each.
- Write all upper case and lower case letters.
- Blend letter sounds to decode (read) words.
- Segment letter sounds to encode (spell) words

- Recognize up to 60 sight words.
- Identify parts of speech, synonyms, antonyms, and categorizing words.
- Demonstrate comprehension and fluency skills for literary and informational text.
- Apply writing mechanics, writing process, and types of writing (narrative, opinion, informative/ explanatory).

#### In 1<sup>st</sup> grade students will...

- Identify consonants diagraphs, long and short vowels, r-controlled vowels, and vowel diagraphs.
- Write using endings, suffixes, prefixes, contractions, compound words.
- Decode and encode using phonetic and structural patters.
- Recognize and spell around 200 sight words.
- Identify parts of speech, synonyms, antonyms, homonyms.
- Demonstrate comprehension and fluency skills for reading literary and informational texts.
- Apply writing mechanics, the writing process, and types of writing (narrative, opinion, informative/ explanatory).



#### In 2<sup>nd</sup> grade students will...

- Identify consonant diagraphs, long and short vowels, r-controlled, vowel diagraphs, and silent letters.
- Write using endings, suffixes, prefixes, contractions, and compound words.
- Decode and encode using phonetic and structural patters.
- Identify parts of speech, synonyms, antonyms, homonyms, similes, and context clues.
- Demonstrate comprehension and fluency skills for reading literary and informational texts.
- Apply writing mechanics, the writing process, and types of writing (narrative, opinion, informative/ explanatory).

### Science/ Social Studies

Based on the Florida State Standards, our teachers create engaging units centered on informational texts whereby students apply their knowledge and understanding to real world experiences. Through the use of Studies Weekly science magazines our students have access to thousands of online primary sources including information texts, videos, maps, and virtual field trips.

In **science** we focus heavily on hands-on learning where students can often be seen actively engaged in the scientific process. Experiments are conducted on a regular basis where students are asked to predict, explore, and reflect on their findings. The Big Ideas that are addressed throughout the school year, and are used as foundation for unit development, follow those outlined by the Florida Standards. They include, but are not limited to, the following:

#### In kindergarten students will...

- Conduct science experiments using the scientific method.
- Identify the life cycle of living organisms.
- Identify and demonstrate forces and changes in motion.
- Understand how gravity and energy influence Earth and the Solar System.

#### In 1<sup>st</sup> grade students will...

- Conduct science experiments using the scientific method.

- Gain knowledge of how plants and animals adapt and change over time.
- Identify and describe all matter as solid, liquid or gas.
- Explore how constructive and deconstructive forces impact and shape the features of the Earth.

#### In 2<sup>nd</sup> grade students will...

- Compare the observations made by different groups using the same tools.
- Measure and compare the volume of liquids using containers of various shapes and sizes
- Identify objects and materials as solid, liquid, or gas.
- Collect and manipulate data using a variety of computing methods.

For **social studies** our teachers focus heavily on nonfiction texts to guide students in their understanding and exploration of the past and present. Using multiple resources students will grow in their understanding of American history, economics, civics and government, and geography. The Big Ideas (Units) that are addressed throughout the school year, and are used as the foundation for unit development, follow those outlined by the Florida State Standards. They include, but are not limited to, the following:

#### In kindergarten students will...

- Develop and understand how to use and create a timeline.
- Identify the difference between basic needs and wants.
- Explain the purpose and necessity of rules and laws at home, school, and community.
- Use maps and globes to help locate and identify basic landforms and bodies of water.

#### In 1<sup>st</sup> grade students will...

- Distinguish between historical fact and fiction using various sources.
- Recognize that money is a method of exchange for goods and services.
- Explain how decisions can be made and how conflicts might be resolved in fair and just ways.
- Construct a basic map using symbols and cardinal directions.

#### In 2<sup>nd</sup> grade students will...

- Examine primary and secondary sources.
- Identify reasons people came to the United States throughout history.
- Label on a map or globe the continents, oceans, Equator, Prime Meridian, North and South poles.
- Explain the consequences of an absence of rules and laws.

### Religion

The Diocese of Orlando religion curriculum promotes lifelong faith formation. The curriculum is structured according to the six fundamental tasks of Catechesis set forth in the general directory for Catechesis. The curriculum is based on a spiral approach to learning in which the same fundamental faith topics are presented each year so that the students may gradually deepen his/her understanding of the faith according to his/her age and ability.



- Explore, profess and reflect on our Catholic faith, which is the content of God's revelation found in Sacred Scripture and Sacred Tradition and lived out in the Creed and Church doctrine.
- Recognize the presence of Christ and enter into communion with Him through active, full and conscious participation in the Liturgical celebrations and Sacraments of the Church.
- Develop a moral conscience that is informed by Church teachings and conformed to Christ, as modeled in a personal life of virtue and

demonstrated in service of the Gospel's demands for society.

- Experience and engage in Catholic expressions of prayer to deepen their relationship with God and the Church.
- Study and participate in the life and mission of the church, the Body of Christ and the community of believers, as expressed in the

Church's origin, history, ecclesiology, the Communion of Saints and their family, the domestic church.

- Acquire and demonstrate skills to recognize their gifts from God and their vocation to share the good News of Jesus Christ in word and deed in the world.

## Florida Standards

## Diocese of Orlando Religion Standards