

INTERMEDIATE LEARNING COMMUNITY (ILC)

3-5 ACADEMICS



Mathematics

In 4th and 5th grades, our teachers implement the GO Math! Series. It offers interactive components that meet the learning needs of students and help them achieve academic success. In the ILC students also use supplemental materials that promote hands-on learning that correlates with the Florida State Standards.

In 3rd grade students will...

- Draw a scaled picture graph and bar graph to represent a data set with several categories.
- Explain equivalence of fractions in special cases, and compare fractions by reasoning about their size.
- Use multiplication and division within 100 to solve word problems.
- Tell and write time to the nearest minute and measure time intervals in minutes.
- Measure areas by counting unit squares.

In 4th grade students will...

- Know relative sizes of measurement units.
- Use place value to round multi-digit whole numbers.
- Compare two fractions with different numerators and denominators.
- Multiply whole numbers up to four digits.
- Compare two decimals to the hundredths place value.

In 5th grade students will...

- Convert among different sized standard measurement units.
- Read, write, and compare decimals to the thousandths place.
- Solve word problems involving addition and subtraction of fractions.
- Represent real world and mathematical problems using graphing.
- Measure volumes by counting unit cubes and improvised units.

English/ Language Arts

ILC teachers utilize a variety of resources that include a variety of tradebooks, *Time for Kids*, *Reading Comprehension* by Reading Works, *Sadlier Grammar Workshop*, and *Greek and Latin Teaching Vocabulary to Improve Reading Comprehension* to meet the Florida State Standards.

In 3rd grade students will...

- Compare and contrast the most important points and key details presented in two texts on the same topic.
- Recount stories, including fables, folktales, and myths from diverse cultures.
- Describe characters in a story and explain how their actions contribute to the sequence of events.

- By the end of the year, read and comprehend literature, including stories, dramas, and poetry.
- Integrate and evaluate information presented in diverse media and formats, including visually, quantitatively, and orally.
- Write narratives to develop real or imagined experiences or events using effective technique, well-chosen details, and well-structured event sequences.

In 4th grade students will...

- Determine the main idea of a text and explain how it supports key details.
- Describe the overall structure of events, ideas, concepts, or information in a text.
- Explain the major differences in structural elements between poems, dramas, and fiction, and nonfiction.
- Compare and contrast the point of view of an author.
- Demonstrate command of the conventions of standard English syntax.
- Paraphrase portions of a text presented in diverse media formats.
- Write opinion pieces on topics or texts, supporting a point of view.
- Write explanatory pieces to examine a topic and convey ideas and information clearly.

In 5th grade students will...

- Quote accurately from a text when explaining what the text says explicitly.
- Analyze multiple accounts of the same event or topic.
- Integrate information from several texts on the same topic in order to write or speak about the subject knowledgeably.
- Compare and contrast two or more characters, settings, or events in literature.
- Demonstrate command of the conventions of standard English syntax.
- Determine or clarify the meaning of unknown or multiple-meaning words and phrases.

- Conduct short, as well as more sustained research projects.



Science

Based on the Florida Standards, our teachers create engaging units centered on informational texts whereby students apply their knowledge and understanding to real world experiences. Using an online resource such as *Mystery Science* our students have access to thousands of online primary sources including informational texts, videos, maps, and virtual field trips. Science instruction focuses heavily on hands-on learning where students are actively engaged in the scientific process. Experiments occur on a regular basis whereby students predict, explore, hypothesize, and reflect on their findings.

In 3rd grade students will...

- Demonstrate that radiant energy from the sun can heat objects and when the sun is not present, heat may be lost.
- Infer based on observations.
- Recognize that scientists use models to help understand and explain how things work.

- Recognize that energy has the ability to cause motion or create change.

In 4th grade students will...

- Raise questions about the natural world using appropriate reference materials that support their understanding.
- Identify resources available in Florida.
- Compare and contrast the major stages in life cycles.
- Observe and describe the basic forms of energy, including light, heat, sound, electrical and the energy of motion.

In 5th grade students will...

- Distinguish among objects of the Solar System.
- Describe characteristics of different climate zones as they relate to latitude, elevation, and proximity to bodies of water.
- Identify the organs on the human body and describe their functions.
- Solve real-world problems in science and engineering.



Social Studies

In social studies students utilize nonfiction texts and guided notes to help deepen their understanding and exploration of the past and present. The 4th grade curriculum explores Florida history, while 5th grade predominantly focuses on American history.

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- Infer based on observations.
- Recognize that scientists use models to help understand and explain how things work.
- Recognize that energy has the ability to cause motion or create change.

In 4th grade students will...

- Analyze primary and secondary resources to identify individuals and events throughout Florida history.
- Identify explorers who came to Florida and the motivations of their expeditions.
- Describe the economic development of Florida's major industries.
- Compare Native American tribes in Florida.

In 5th grade students will...

- Utilize timelines to identify and discuss America's past.
- Identify the economic, political and socio-cultural motivations for colonial settlement.
- Identify significant individuals and groups who played a role in the American Revolution.
- Identify major United States physical features on a map of North America.

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