

Kindergarten Curriculum Overview

RELIGION

- **Loyola Press** Catechist Manual “God Loves Us”
- Prayers: Our Father, Hail Mary, Glory Be, Guardian Angel
- Faith connections to family and community
- Liturgical Calendar
- Integration of Religion into all areas of instruction

LANGUAGE ARTS

- **HMH Reading Journeys** ELA/Literacy program aligned to the Common Core ELA Standards
 - Alphabetical and Phonemic Awareness
 - Encompasses Vocabulary, Grammar, Spelling, Composition, and Reading Comprehension through fictional, non-fictional, and informational text
 - Small-group guided reading
- Zaner-Bloser Handwriting Textbook

MATHEMATICS

- **HMH Go Math** series
 - Count to 100 by ones and tens
 - Identify and write numbers 0-20
 - Identify and compare numbers
 - Fluently add and subtract within 5
 - Understand addition and subtraction for numbers 0-10
 - Identify, compose, and describe shapes
 - Describe and compare measurable attributes of objects
- Problem-Solving Skills
- Mind Institute Spatial-Temporal (ST) Math – supplemental, software games use interactive, graphically-rich animations that visually represent mathematical concepts to improve conceptual understanding and problem-solving skills.

SOCIAL STUDIES

- Seven units of study:
 - Citizenship
 - Then and Now
 - Pilgrims and Native Americans
 - Holidays
 - American Symbols
 - My Community
 - Our World

SCIENCE

- Mystery Science: NGSS Aligned Curriculum
- Physical Sciences: Forces and Interactions - Pushes and Pulls
 - Plan and carry out investigations to show that pushes and pulls can have different strengths and directions
 - Analyze data to determine if pushing or pulling on an object can change the speed or direction of its motion
- Life Sciences: Animals, Plants, and their Environment
 - Observe and describe patterns of what plants and animals need to survive
 - Analyze how plants and animals adapt in their environment to meet their needs
 - Identify solutions that will reduce the impact of humans on the environment
- Earth and Space Sciences: Weather and Climate

- Observe the effect of sunlight on Earth's surface
- Analyze and describe weather patterns over time
- Engineering Design:
 - Define a simple problem that can be solved through the development of a new or improved object or tool
 - Demonstrate how the shape of an object helps it function as needed to solve a given problem
 - Analyze data from tests of two objects designed to solve the same problem to compare the strengths and weaknesses of how each performs
- Hands-On Experiments and Use of Technology
- STEM Practices
- Individual and Group Science Projects

ENRICHMENT CURRICULUM

- Peter Rabbit Musical
- Science-Aligned Field Trip
- Music, Spanish, Library, and PE

TECHNOLOGY

- Internet Safety and Digital Citizenship - Online Safety
- Computing Basics - iPad Basics - handling, care, apps, Keyboarding and mouse skills, Drawing, Word Processing, Presentation
- Information Literacy - Internet search and browsing, Online login, Bookmarking pages
- Project-Based Learning - Math, ELA
- Computational Thinking - Coding

MAKERSPACE

- Designing, creating, and problem-solving lessons to support our science curriculum
- Pushes and Pulls
- Plants and Animals-Life Cycles