

Sacred Heart School

Science

Pre-Kindergarten

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The purpose of the Science curriculum is to introduce the students to the scientific world around them. Through everyday events, hands-on activities and planned activities and observations, the students will be able to explore their curiosity about and understanding of the world around them.

Course Content:

- Scientific Inquiry – Ask questions during activities and play; use the senses when observing; use basic equipment such as magnets and magnifying glasses
- Earth Science – weather and the seasons; the sun, moon and stars
- Life Science – understand what plants and animals need to survive; growth and change
- Physical Science – begin to learn about the states of water, magnets, and sounds

Course Materials:

- The InvestiGator Club Prekindergarten Learning System-
- Variety of books
- Class fish
- Plants and seeds
- Variety of materials (ie) balance scales, magnets, magnifying glasses
- Art materials
- Manipulatives
- Paper, pencils, crayons, scissors

Instructional strategies

- Facilitating activities
- Discussion
- Reading
- Modeling

- Guided exploration
- Small group and whole group instruction

Assessment:

- Active participation
- Observation
- Work samples/completed projects