

PK Science Grade Level Objectives

1. Students will see themselves as interdependent with each other, all living things and natural systems. They will be able to put their knowledge and understanding to use in the service of their lives and their communities.

Children will be able to:

- Become aware that everything in nature is connected
- Respect the natural environment
- See themselves as stewards of the Earth (turn off lights, turn off water, recycle paper)

2. Students will become familiar with and learn to use the skills of the scientific method: observation, classification, experimentation, prediction, the drawing of conclusions, and communication of ideas.

Children will be able to:

- Observe- Use their senses to make observations or pose questions about the natural world.
- Classify- Sort and order objects based on a common characteristic(s).
- Conduct Experiments- Problem solve by asking questions and testing their ideas.
- Make Predictions- Based on the background knowledge that they have, and the observations they have made, they describe what they believe will happen next.
- Draw Conclusions- Use the outcomes from experimentation to make generalizations and form theories about how the world works.
- Communicate Their Ideas- Share questions, observations, predictions and conclusions with others through conversation, demonstrations and pictorial representation.