

Appendix P

STEM Curriculum Topics in Grades K – 5

In kindergarten:

The kindergarten team has integrated the Focus on K2 curriculum which has a significant multi-sensory approach to STEM activities

- Life-cycles of frogs, owls, wolves, and plants
- Integrated content vocabulary cards and vivid photographs.
- Our environment: reduce, reuse, and recycle.

In first grade:

- Animal Habitats
- Life Cycle of Frog and Butterfly
- Simple Machines
- Hands on experiments
- Rocks & Minerals

In second grade:

- Weather/sun as a source of heat & light
- Matter
- Plants/Planting and composting
- Scientific methods: simple experimentation
- Fossils

In third grade:

- Simple & Compound Machines
- The Earth and the Solar System
- Characteristics of Animals
- Animal Adaptations
- Animal Life Cycles
- States of Matters & Properties of Objects & Materials

In fourth grade:

- Weather
- The Water Cycle
- Magnetism
- Electricity
- Plant- Life Cycle, Adaptations, Structures & Functions

In fifth grade: This year the fifth grade team converted a storage room into a science lab.

- Earth's History
- Rocks and their properties
- Soil
- Energy & Living Things: food chains
- Sound & Light Energy