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