

**Scope and Sequence of GEMS  
to the New Hampshire Science Standards**

Kindergarten

Ladybugs / Tree Homes / Penguins and Their Young

Grade 1

Eggs, Eggs Everywhere / Involving Dissolving / Mother Opossum and Her Babies

Grade 2

Liquid Explorations / Secret Formulas / Sifting Through Science

Grade 3

Bubble Festival / On Sandy Shores / Terrarium Habitats /  
Matter: Solids, Liquids, and Gases

Grade 4

Aquatic Habitats / Hot Water and Warm Homes From Sunlight /  
Microscopic Explorations

Grade 5

Electric Circuits / Schoolyard Ecology / Stories in Stone

Grade 6

Chemical Reactions / Color Analyzers / Messages From Space / The Real  
Reasons for Seasons / River Cutters

Grade 7

Environmental Detectives / Life Through Time / Earth, Moon & Stars /  
Discovering Density

Grade 8

Dry Ice Investigations / Invisible Universe / Ocean Currents / Plate  
Tectonics