**Science**

4.L.1: Explain the effects of environmental changes, adaptations and behaviors that enable animals (including humans) to survive in changing habitats.

4.L.1.1—Give examples of changes in an organism’s environment that are beneficial to it and some that are harmful.

*Activities: Humpty Dumpty—pg. 335; Invaders!—pg. 263; Macroinvertebrate Mayhem—pg. 343*

4.L.1.3—Explain how humans can adapt their behavior to live in changing habitats (e.g. recycling waste, establishing rain gardens, planting trees and shrubs to prevent erosion).

*Activities: Sum of the Parts—pg. 283; Money Down the Drain—pg. 351; Storm Water—pg. 395; My Water Footprint—pg. 441; There is No Away—pg. 453; Water Audit—pg. 469*


4.L.2.2—Explain the role of vitamins, minerals, and exercise in maintaining a healthy body.

*Activities: Healthy Habits—pg. 63*

**Health Education**


4.PCH.1.2—Recognize methods that prevent the spread of germs that cause communicable diseases.

*Activities: Germ Busters—pg. 57; Healthy Habits—pg. 63*
4.NPA.1: Apply tools (MyPlate, Food Facts Label) to plan healthy nutrition and fitness.

   4.NPA.1.2—Carry out measures to prevent food borne illness, including hand washing and appropriate food storage and preparation.

   Activities: Germ Busters—pg. 57

4.NPA.2: Understand the importance of consuming a variety of nutrient dense foods and beverages in moderation.

   4.NPA.2.1—Compare unhealthy and healthy eating patterns, including eating in moderation.

   Activities: On Track with Hydration—pg. 95

**Social Studies**


   4.G.1.2—Explain the impact that human activity has on the availability of natural resources in North Carolina.

   Activities: 8-4-1, One for All—pg. 299; Just Passing Through—pg. 163; Humpty Dumpty—pg. 335; The Long Haul—pg. 273; Storm Water—pg. 395; There is No Away—pg. 453; My Water Footprint—pg. 441; Water Audit—pg. 469; Virtual Water—pg. 289

   4.G.1.3—Exemplify the interactions of various peoples, places and cultures in terms of adaptation and modification of the environment.

   Activities: Make-a-Mural—pg. 520; Just Passing Through—pg. 163; Invaders!—pg. 263; Humpty Dumpty—pg. 335; The Long Haul—pg. 273; Storm Water—pg. 395; There is No Away—pg. 453; Water Crossings—pg. 487; Discover the Waters of Our National Parks—pg. 493