Project WET Guide 2.0 Correlations to the
2012 North Carolina Essential Standards

1st Grade

Science

1.E.2: Understand the physical properties of Earth materials that make them useful in different ways.

E2.1—Summarize the physical properties of Earth materials, including rocks, minerals, soils, and water, that make them useful in different ways.

Activities: Molecules in Motion (Warm up only)—pg. 33

1.L.1: Understand characteristics of various environments and behaviors of humans that enable plants and animals to survive.

L1.1—Recognize that plants and animals need air, water, light (plants only), space, food and shelter and that these may be found in their environment.

Activities: Aqua Bodies—pg. 45; Life Box—pg. 69; Water Audit—pg. 469; Discover Water of National Parks—pg. 493

L1.3—Summarize ways that humans protect their environment and/or improve conditions for the growth of the plants and animals that live there. (e.g., reuse or recycle products to avoid littering.)

Activities: A-maze-ing Water—pg. 231; There is no Away—pg. 453; Water Audit—pg. 469; Discover Water of National Parks—pg. 493

1.L.2: Summarize the needs of living organisms for energy and growth.

L2.1—Summarize the basic needs of a variety of different plants (including air, water, nutrients, and light) for energy and growth.

Activities: Aqua Bodies—pg. 45; Life Box—pg. 69; Discover Water of National Parks—pg. 493

L2.2—Summarize the basic needs of a variety of different animals (including air, water, and food) for energy and growth.

Activities: Aqua Bodies—pg. 45; Aqua notes—pg. 51; Life Box—pg. 69; Water Audit—pg. 469; Discover Water of National Parks—pg. 493

Health Education

1.PCH.1: Apply measures for cleanliness and disease prevention.
1.PCH.1.1—Recognize that germs produce illness and can spread from one person to another.

**Activities:** Germ Busters—pg. 57

1.PCH.1.2—Use measures for preventing the spread of germs.

**Activities:** Germ Busters—pg. 57

**Social Studies**

1.H.1: Understand that history tells a story of how people and events changed society overtime.

1.H.1.1—Explain how and why neighborhoods and communities change over time.

**Activities:** Common Water (K—2 option)—pg. 249

1.G.1: Use geographic representations, terms and technologies to process information from a spatial perspective.

1.G.1.1—Use geographic tools to identify characteristics of various landforms and bodies of water.

**Activities:** Blue Planet (K—2 option)—pg. 125

1.G.2: Understand how humans and the environment interact within the local community.

**Activities:** Common Water (K—2 option)—pg. 249

1.G.2.2—Explain how people use natural resources in the community.

**Activities:** Common Water (K—2 option)—pg. 249

1.G.2.3—Explain how the environment impacts where people live (urban, rural, weather, transportation, etc.).

**Activities:** Common Water (K—2 option)—pg. 249