Science

3.E.2: Compare the structures of the Earth’s surface using models or three dimensional diagrams.

3.E.2.1—Compare Earth’s saltwater and freshwater features (including oceans, seas, rivers, lakes, ponds, streams, and glaciers).

Activities: Blue Planet—pg. 125; Blue River—pg. 135

3.E.2.2—Compare Earth’s land features (including volcanoes, mountains, valleys, canyons, caverns, and islands) by constructing models, pictures, diagrams, and maps.

Activities: Blue River—pg. 135; Rainy Day Hike—pg. 169; Seeing Watersheds—pg. 187; Make-a-Mural—pg. 515

3.P.2: Understand the structure and properties of matter before and after they undergo a change or interaction.

3.P.2.3—Summarize changes that occur to the observable properties of materials when different degrees of heat are applied to them, such as melting ice or ice cream, boiling water or an egg, or freezing water.

Activities: Molecules in Motion—pg. 33

3.L.2: Understand how plants survive in their environment.

3.L.2.4—Explain how the basic properties (texture and capacity to hold water) and components (sand, clay, and humus) of soil determine the ability of soil to support the growth and survival of many plants.

Activities: Life Box—pg. 69
**Health Education**

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

3.NPA.2.2—Categorize beverages that are more nutrient dense.

*Activities:* On Track with Hydration—pg. 95.

**Social Studies**

3.G.1: Understand the earth’s patterns by using the 5 themes of geography: (location, place, human-environment interaction, movement and regions).

3.G.1.1—Find absolute and relative locations of places within the local community and region.

*Activities:* My Water Address, Take Action!—pg. 433; Seeing Watersheds—pg. 187

3.G.1.2—Compare the human and physical characteristics of places.

*Activities:* My Water Address, Take Action!—pg. 433; Seeing Watersheds—pg. 187; Make-a-Mural—pg. 515

3.G.1.3—Exemplify how people adapt to, change and protect the environment to meet their needs.

*Activities:* My Water Address, Take Action!—pg. 433

3.G.1.5—Summarize the elements (cultural, demographic, economic and geographic) that define regions (community, state, nation and world).

*Activities:* My Water Address, Take Action!—pg. 433; River Talk—pg. 175