Social Studies 6
Chapter 2 – AK

Section 1

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1.
    a. Solar energy is the energy from the sun - providing all life on Earth with the energy needed for survival.
    b. Rotation creates day and night, while tilt creates the seasons.
    c. This question is a matter of personal opinion and therefore there is no set answer. Student answers should be well written and should articulately explain his or her choice in a well-supported, concise paragraph that appropriately references the Section 1 text.
2.
    a. The seasons are:
        WINTER - cold temperatures as Pole tilts away from sun
        SPRING - warmer temps as Pole begins to tilt towards sun
        SUMMER - warm temperatures as Pole tilts towards sun
        FALL - cooler temps as Pole begins to tilt away
    b. The seasons are opposites because the Poles are opposite.
    c. This question is a matter of personal opinion and therefore there is no set answer. Student answers should be well written and should articulately explain his or her choice in a well-supported, concise paragraph that appropriately references the Section 1 text.
3. Student graphic organizers should be well conceived and should reflect a knowledge and appropriate application of the geographical and historical material in Section 1.

Section 2

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1.
    a. The water supply is made up of 3% freshwater - water that is not salty - and 97% salt water - unsafe to drink because of all the salt.
    b. Very little of the Earth's freshwater supply is surface water - the rest is groundwater.
    c. This question is a matter of personal opinion and therefore there is no set answer. Student answers should be well written and should articulately explain his or her choice in a well-supported, concise paragraph that appropriately references the Section 2 text.
2.
    a. Energy from the sun drives the water cycle.
    b. This question is a matter of personal opinion and therefore there is no set answer. Student answers should be well written and should articulately explain his or her choice in a well-supported, concise paragraph that appropriately references the Section 2 text.
3.
    a. Droughts are long period of lower-than normal precipitation.
    b. Water is vital for drinking and provides energy and recreation.
    c. This question is a matter of personal opinion and therefore there is no set answer. Student answers should be well written and should articulately explain his or her choice in a well-supported, concise paragraph that appropriately references the Section 2 text.
4. Student graphic organizers should be well conceived and should reflect a knowledge and appropriate application of the geographical and historical material in Section 2.

Section 3

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1.
    a. Student answers may vary - examples of common landforms are mountains, valleys, plains, islands and peninsulas.
    b. Geographers study landforms to study how the Earth's surface was formed.
    c. Student answers should be well conceived and should reflect a knowledge and appropriate application of the geographical and historical material in Section 3.
2.
    a. Plate tectonics is a theory suggesting that Earth's surface is divided into a dozen or so slow-moving plates, or pieces of Earth's crust
    b. Student answers should be well conceived and should reflect a knowledge and appropriate application of the geographical and historical material in Section 3.
    c. This question is a matter of personal opinion and therefore there is no set answer. Student answers should be well written and should articulately explain his or her choice in a well-supported, concise paragraph that appropriately references the Section 3 text.
3.
    a. Weather is the process by which rock is broken down into smaller pieces.
    b. Water erodes rock - the eroded rock turns into sediment that is carried by the water until it settles out.
4.
    a. People must adapt to the landforms found in the areas that they live.
    b. This question is a matter of personal opinion and therefore there is no set answer. Student answers should be well written and should articulately explain his or her choice in a well-supported, concise paragraph that appropriately references the Section 3 text.
5. Student charts should be well conceived and should reflect a knowledge and appropriate application of the geographical and historical material in Section 3.

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1. F - Erosion
2. T
3. F - surface water
4. F - revolution
5. T
6. F - Glaciers
7. F - solar energy
8.
    a. The tilt and rotation of the Earth influence the amount of solar energy places on Earth receive.
    b. The North and South poles point towards/away from the sun at opposite times.
    c. This question is a matter of personal opinion and therefore there is no set answer. Student answers should be well written and should articulately explain his or her choice in a well-supported, concise paragraph that appropriately references the Section 1 text.
9.
    a. Freshwater is only about 3% of Earth's water - sources are glaciers, precipitation, streams, rivers and lakes.
    b. There is a balance between precipitation, evaporation and condensation.
    c. This question is a matter of personal opinion and therefore there is no set answer. Student answers should be well written and should articulately explain his or her choice in a well-supported, concise paragraph that appropriately references the Section 2 text.
10.
    a. A landform is a shape on the planet's surface, such as a mountain, valley, plain, island, or peninsula
    b. Landforms are changing because of plate tectonics, as well as volcanic eruptions, weathering and erosion.
    c. Student answers should be well conceived and should reflect a knowledge and appropriate application of the geographical and historical material in Section 3.
11. Student answers should be well conceived and should reflect a knowledge and appropriate application of the geographical and historical material in Chapter 2.
12. The suffix is *-tion* and the root is *seprat-*. Separation means to come apart.
13. Invisible means not visible and inactive means not active.
14. Movement means the action of moving.
15. Student haikus should be well conceived and should reflect a knowledge and appropriate application of the geographical and historical material in Chapter 2.
16. The Florida peninsula extends along the Gulf of Mexico.
17. The Rocky mountains can be found in the West.
18. The elevation drops below sea level in Death Valley.

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1. B
2. D
3. A
4. B
5. B
6. C
7. C
8. Student answers should be well conceived and should reflect a knowledge and appropriate application of the geographical and historical material in Chapter 2.

eSchool Consultants