|  |  |  |  |
| --- | --- | --- | --- |
| ***IMPORTANT CONCEPTS YOUR STUDENT SHOULD KNOW AND ACTIVITIES TO DO AT HOME*** | | | |
| **Constructive and Destructive Forces Unit** | | | |
| **Important Concepts Addressed in this Unit** | | | |
| **S5E1. Obtain, evaluate, and communicate information to identify surface features on the Earth caused by constructive and/or destructive processes.**  a. Construct an argument supported by scientific evidence to identify surface features (examples could include deltas, sand dunes, mountains, volcanoes) as being caused by constructive and/or destructive processes (examples could include deposition, weathering, erosion, and impact of organisms).  b. Develop simple interactive models to collect data that illustrate how changes in surface features are/were caused by constructive and/or destructive processes.  c. Ask questions to obtain information on how technology is used to limit and/or predict the impact of constructive and destructive processes | | | I can identify surface features using scientific evidence.  I can provide evidence to identify surface features.  I can determine the constructive and/or deconstructive processes that create surface features.  I can collect data how changes in surface features are caused by constructive and destructive forces.  I can show how technology is used to limit and predict the impact of constructive and destructive forces. |
| **Key Words To Know** | | | **How You Can Help Your Student** |
| 1. **Constructive Process:** processes that build up the Earth’s surface 2. **Destructive Process:** processes that wear Earth’s surface down 3. **Landform:** surface features that shape the land. Examples: include mountains, volcanoes, deltas, and sand dunes. 4. **Weathering:** the process of wearing away rocks by natural means 5. **Erosion:** the process of moving sediment by wind, moving water, or ice 6. **Deposition:** the process of sediment dropping in a new place 7. **Delta:** an area of new land at the mouth of a river, formed from sediments carried by the river 8. **Fault:** a break in the rock that makes up Earth’s crust 9. **Plate:** a section of Earth’s crust and mantle that fits together with other sections like puzzle pieces 10. **Earthquake**: a shaking of Earth’s surface, caused by movement of rock in the crust 11. **Seismology:** the study of earthquakes 12. **Magma:** melted rock that is beneath Earth’s surface 13. **Lava**: molten rock that flows from a volcano onto Earth’s surface | | | **Interactive Learning Games:** Playing games is a wonderful way to practice skills at home in a fun environment**.**  **Study Vocabulary-**Study vocabulary nightly with your child from this parent guide.  Websites:  \*\*All vocabulary words and articles/activities read and completed during class can be on the google classroom, which can be accessed at home anytime.  <http://www.ducksters.com/>  <https://www.brainpop.com/>  <https://jr.brainpop.com/> |