**Activity 2: Reference Page**

**Vocabulary**

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| **Word** | **Definition** |
| cavern | A cave; a hollowed-out space in rock or soil. |
| crater | A hole-shaped depression made by a meteorite. |
| diameter | The length of a straight line through the center of an object. |
| elevation | Height above the surface level of the sea. |
| engineering | Using science and math to solve problems and create new things for the benefit of humanity and our world. Examples: Capturing wind/water/sun to obtain electricity, creating artificial/replacement body parts, bringing clean water to homes, removing pollution from the air/water/soil, designing devices and systems that heat and cool homes, developing ways to grow more food, creating the spacecraft and planetary rovers, designing clothes to keep people warmer/cooler, creating amazing devices. |
| fault line | A fracture in the earth. |
| meteorite | A rock that falls to earth from outer space. When in outer space, the rock is called an asteroid. |
| orbit | A circular path of one object revolving around another. |
| porosity | The condition of being full of pores; permitting fluids to flow. |
| science | My favorite and most interesting class. ☺ |
| sea level | The level of the surface of the sea. |
| topography | A map description of the surface of the earth that details its features and elevation. |

**Formulas and Unit Conversions**

**area** = length x width

**volume** = length x width x height

ft **÷** 3.3 = m

ft2 x .09 = \_\_\_\_\_ m2

m2 **÷** 1,000,000 = \_\_ km2

km2 x .39 = \_\_\_\_\_ mi2