***Bill Nye: Layers Video Worksheet***

*Before the video list 3 things you think you know about Earth’s Crust:  
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

1. The Earth’s \_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a thin layer of rock that surrounds the Earth.

2. The layers of the Earth from the center are the \_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.   
  
3. The earth’s crust is made of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .

4. All living things live (*circle*) on / below the earth’s crust.

5. The crust is the (*circle*) coolest / warmest layer of the earth.

6. If the Earth were like an egg, the crust would be as thick as the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

7. Tectonic is from the Latin word meaning \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

8. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ means “whole Earth”.

9. Where the plates spread apart, we get \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

10.Where the plates come together, we get \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

11.North America is moving away from Europe about \_\_\_\_\_\_ inch(es) per year.   
  
12.\_\_\_\_\_\_\_\_\_\_\_\_\_ are hollowed out spaces in the Earth’s crust.

13.The Earth’s core is \_\_\_\_\_\_\_\_\_\_\_ kilometers in diameter

*After the video list 3 things you know now because of the video that you did not know before: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*