

Name: \_\_\_\_\_

Hour: \_\_\_\_\_

## **Greatest Discoveries with Bill Nye – Earth Science**

1. Mount Saint Helen erupted in what year?
2. How high did the ash go up into the atmosphere from the eruption?
3. What is the first layer of the earth called?
4. How many cores are inside of the earth?
5. What is the earth's inner core of the earth made of?
6. What is in the earth's outer core?
7. How high can the temperature be inside of the core?
8. Does it take a short time or a long time for the earth to cool?
9. What do scientists call the landmass that all the continents used to be in?
  
- 10.What is the theory called that explains how the continents moved apart?
  
  
- 11.What does the bottom of the ocean look like?
- 12.What is the name of the mountain ridge that is on the bottom of the ocean?
  
  
13. Rock is pushed apart from the mountain range on the bottom of the ocean, this process is called what?

14.Are the plates of our planet connected?

15.What is a strike-slip fault?

16.How far in advance can we accurately forecast the weather?

17.A lightning bolt can be how hot?

18.What is the name of the first layer of the atmosphere?

19. Radiation can come from the sun and where else?

20.How many times has the earth's magnetic field reversed itself?

21.What changes occur with the earth that causes an ice age?

22.How many ice ages has our planet had so far?

23.What is one of the causes of global warming?

24.What is an example of climate change from global warming?

25.Where can we find a record of the changes our earth has gone through?

26.What is the age of our earth?

27.Are extinction events usually rapid or slow?

28.The events are usually caused by what?

29.Do the species on our earth change over time?