

"AMAZING EARTH" STUDY GUIDE

Name _____

- 1.) Approximately how old is the Earth?
- 2.) According to theory, how did early Earth "grow?"
- 3.) The core of the Earth is composed mainly of what element?
- 4.) How is new crust formed?
- 5.) According to theory, how was the moon formed?
- 6.) What (geologic feature) created Earth's 1st atmosphere?
- 7.) What might comets have to do with life on Earth?
- 8.) The earliest life on Earth (and they're still kickin') are a group of bacteria with this name?
- 9.) What is special about the island of Surtsey?
- 10.) Where is Surtsey located?
- 11.) What is under the Canadian Rockies?
- 12.) The first oxygen on Earth was created by clumps of bacteria called?
- 13.) What created the waterfall at Iquazu Falls Argentina?

14.) What is the relationship between what created the waterfall and the Atlantic Ocean?

15.) How many mass extinctions have occurred?

16.) What is the significance of high levels of iridium in rocks worldwide at 65 million years ago?

17.) What created/is still creating the Himalayas?

18.) Finding bat poo in the caves of Grand Bahama Island provided evidence for what?

19.) What occurs in Earth's orbit every 30 million years?

20.) What does the video "hint to" about human existence on Earth?