



How the Earth Was Made: Birth of the Earth

1. How old are meteorites compared to Earth's age?

2. What role do mineral grains play in the formation of a planet like Earth?

3. How big does an object have to be in order to have enough gravity to draw other objects towards it?

4. What are the layers of the Earth?

5. What is the age of the Earth? How did they find the age of the Earth? How did measuring radioactive decay help with that?

6. How did the moon form?

7. The rocks of the early solid crust formed how long ago? Where did they form?

8. What is banded iron? Why is it important?

9. Where did the water that now forms our oceans come from?

10. How does life affect Earth's geology?

11. A meteorite in Mexico brought what building blocks of life to Earth?

12. The early atmosphere did not have oxygen, but was poisonous, what kinds of chemicals was it made from?

13. What contribution did stromatolites (aka cyanobacteria) make that made nearly all future life possible?

14. What did increased levels of oxygen in the atmosphere set the stage for?
