*Geology*

The Old Earth Theory

1. **Geology** - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. **The Geologic Timescale**
   1. The Precambrian (Divided into 3 Eons)
      1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
      2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
      3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. \_\_\_\_\_\_\_\_\_zoic Era
   3. Meso\_\_\_\_\_\_\_\_ Era
   4. Cen\_\_\_\_\_\_\_\_\_ Era
   5. What does “zoic” mean?
      1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. **The Precambrian**
   1. 540-600 million years ago (mya)
   2. The first \_\_\_\_\_\_\_\_\_\_-\_\_\_\_\_\_\_\_\_\_\_ organisms appeared on Earth.
      1. They were mostly \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
4. **The Paleozoic Era**
   1. Means \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_.
   2. 248-540 mya (million years ago)
   3. Divided into \_\_\_\_\_\_ different periods
   4. The first “visible” life appeared
      1. \_\_\_\_\_\_\_ - \_\_\_\_\_\_\_\_\_ organisms
         1. Like:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
      2. Organisms with \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
         1. Like:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. **The Mesozoic Era**
   1. Means\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_.
   2. 65-248 mya
   3. Divided into \_\_\_\_\_\_ periods
   4. known as the “age of reptiles”
      1. \_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_ first appear
6. **The Cenozoic Era**
   1. means “recent life”
   2. Our current Era
      1. 65 mya to present time (right now!)
   3. know as the \_\_\_\_\_\_\_ of \_\_\_\_\_\_\_\_\_\_\_.
   4. Make a list of 5 mammals
   5. Divided into 2 periods
      1. \_\_\_\_\_\_\_\_\_\_\_\_\_ period
      2. \_\_\_\_\_\_\_\_\_\_\_\_\_ period
         1. The \_\_\_\_\_\_\_ of \_\_\_\_\_\_\_.
         2. 1.8 mya to present
         3. Human civilization began around 11,000 b.c.
7. The Quaternary period began around the end of the last recorded Ice Age.
   1. **WHY?**