*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
		1.
		2.
		3.
		4.
		5.
	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?**