

D5 / _____ Ch. 2.1 GN: Utah's Geologic History

1. Pretend your arms, stretched out left to right, represent all of time on the Earth; list where different things occurred:

2. How do we know all of this? What branch of science helped us? Define & explain:

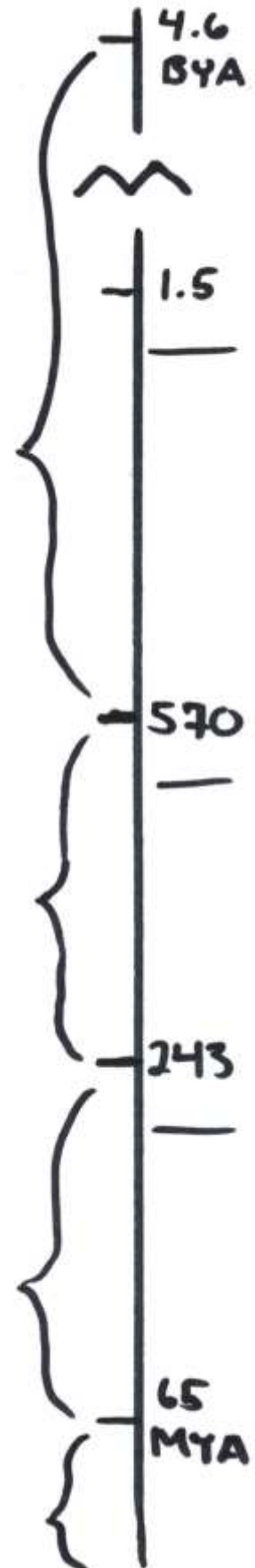
3. Large divisions of time are called _____.

4. Which period is the **longest**? Do we have any rocks that old in Utah? Where?

5. What is the name of the **next period**? Hint: Pa _____; from: _____ - _____
Share some **facts** about it:

6. The second of the "**big eras**" was known as the M _____, from: _____ - _____
Share some **facts** about this period:

7. The last period is known as the _____, from: _____ - today. What animals have dominated this period? When do people / humans show up?



8. What has **Utah** been **covered with** several times throughout history? What **relationship** does this have with **sediment**?

9. What did this **sediment** lead to? Explain:

10. What **other factors** lead to more of these **types of rocks** being formed today?

11. What areas do we now enjoy thanks to all this **sediment**? Explain **how** we enjoy them:

Dinosaurs Handout (pp 30-31):

12. What was the **climate** like in Utah during the **period of the dinosaurs**? Is this surprising? Explain:

13. Name the **4 different areas** on the map pointed by the handout, and give a fact about each:

14. What dinosaur is named after our state? Share some info about it:

15. Share some facts about **Earl Douglass**; what brought him to Utah? What did he find? Why did he leave?