

Create a Text Scavenger Hunt 8.5

Date _____

Last Name _____, First _____ per _____

1. **Section 8.5 Title** _____
2. **California Standards Focus** (3 Yellow/green Keys) *complete the sentences.*
 - a. Why is the _____ time scale used to show Earth's _____?
 - b. What were early _____ organisms like?
 - c. What were the major events in the _____, _____, and _____ Era's
3. **Key Terms (List)** (Section 8.5 only)

a. _____	f. _____
b. _____	g. _____
c. _____	h. _____
d. _____	i. _____
e. _____	
4. **Lab Zone Standards Warm Up** ("*Your Time Scale*")
 - a. What list will you make? _____
 - b. What will you do with the list? _____
5. **Yellow/Green Key page 286**
 - a. Why do geologists use the geologic time scale to show Earth's history? _____

6. **2 key term Definitions page 286**
 - a. Era's _____

 - b. periods _____

7. **Red and Blue Headings** section 8.5

A. _____	
B. _____	
C. _____	
1. _____	
2. _____	
3. _____	
4. _____	
5. _____	
6. _____	
D. _____	
1. _____	
2. _____	
3. _____	
4. _____	
E. _____	

8. **Figure 17 The Geologic Time Scale**
- Excluding the Precambrian, which is the most ancient era? _____
 - Which era was the age of the dinosaurs? _____
 - During which era did mammals become common? _____
9. **Figure 18 "Early Earth"**
- How does the artist depict early earth shortly after the moon formed?

10. **Green key page 288**
- What present day organism is similar to organisms found in 3.5 billion year old rocks? _____
11. **Figure 19 "The Cambrian Explosion"**
- What were the Earth's oceans home to in the Cambrian explosion? _____

12. **2 green keys page 289**
- What happened at the beginning of the Paleozoic Era? _____
 - What type of animal s were the first vertebrates? _____
13. **Key term definitions page 289**
- Invertebrates _____

 - Vertebrates _____

14. **Figure 20**
- What was a Dunkleosteus, and during what time period did paleontologists determined it lived ? _____

15. **Yellow/green key page 290**
- During which time period did animals begin to invade the land?

16. **2 key term definitions page 290**
- amphibian _____

 - reptile _____

17. **Figure 21 "The Coal Forest"**
- Where did coal come from and during which time period did it form? _____

18. **Math Analyzing Data page 291**
- What variable is shown on the x axis of the graph that shows how the number of families of animals has changed in Earth's oceans? _____
 - How long ago did the most recent mass extinction occur? _____

19. **2 green keys page 291**
- What was affected by the Permian extinction? _____

 - What was "Pangea" and how did it form 260 million years ago? _____

20. **Key term definition page 291**
a. mass extinction _____

21. **Figure 22 "The geologic Time Scale"** (*Study the chart and make an interesting discovery. Describe your discovery below*)
a. _____

22. **Yellow/green key page 294**
a. Why is the Mesozoic Era sometimes called the age of reptiles? _____

23. **Figure 23 " Flying Reptile"**
a. What was a Dimorphodon and how was it similar to a bird?

24. **Figure 24 " Early Bird"**
a. What was Archaeopteryx and about how big was it? _____

25. **Figure 25 " The End Of Dinosaurs" and yellow/ green Key pg 295**
a. What is one hypothesis concerning why dinosaurs went extinct?

26. **Lab Zone Try This Activity- "Life and Times" page 296**
a. In this activity what will you be placing in correct order? _____
b. What will you be drawing? _____
27. **2 Yellow/green keys page 296**
a. What event occurred that allowed opportunity for mammals to live in many different environments on land, in water, and air during the Cenozoic Era?

- b. What caused a series of ice ages during the Quaternary period?

28. **Figure 26 " Ice Age Environment"**
a. What kind of animals roamed the ice free parts of North America during the ice ages of the Quaternary Period?

29. **Figure 27 " Ice Age Art"**
a. Who was the artist that painted the ice age art in a cave in France more than 15,000 years ago? _____