

Name _____

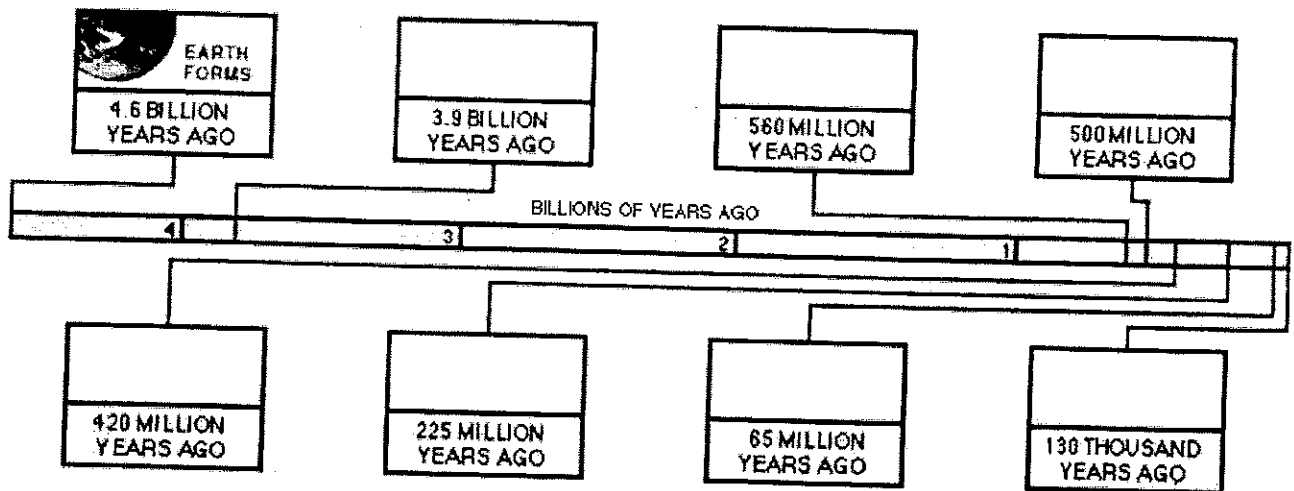
Explorations Through Time

Life Has a History

<http://www.ucmp.berkeley.edu/education/explotime.html> → Go to "Life Has a History" → Level 2

1. How many different species of living things exist today? _____
2. Which group of animals has the largest number of species? _____
3. How many mammal species exist today? _____
4. Number the organisms from 1 (most abundant) to 8 (least abundant)
____ Mammals ____ Molluscs ____ Roundworms ____ Arthropods ____ Flatworms
5. What is biodiversity (click on the purple links for definitions)

6. 470 Million Years Ago
What was the name of the period? _____
What was the dominant predatory? _____
What was the first arthropod _____
7. 160 Million Years Ago
What was the name of the period? _____
What large marine reptile existed? _____
8. How old is the earth? _____
9. Fill in the blanks of the timeline



10. The best source of evidence for determining events in earth's history is _____

11. What is a paleontologist? _____

12. Identify three fossils from the image. Name them and point to them with an arrow

13. What features are found in therapods

14. What is a cladogram?

15. What is divergence?



16. To which animal are the crane and eagle most closely related? _____

17. What other data (besides physical features) do scientists use to find if organisms are related? List 3 things. _____

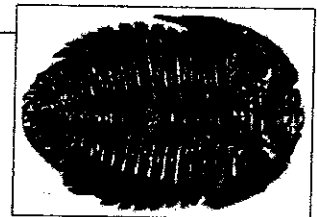
18. What birds on the Galapagos islands were adapted to different regions? _____

19. The beaks of the birds vary with what? _____

20. What would happen if the environment changed and only plants with larger, harder seeds survived. How do you think that might affect the population of *Geospiza fortis* finches?

21. What is geographic isolation?

22. Identify the extinct creature. _____



23. Name two animals that have gone extinct since humans have been around. _____

Chromebook assignment website

1. GOOGLE: *Explorations through time*
2. Click on the first link
3. Click on Life has History.
4. Click on Level 2
5. Answer the questions on the worksheet.

