

7. **Find the primates.** Did you know that humans are apes?

One thing you have in common with apes are _____ thumbs.



This means that the thumb can curve to touch the tips of their other fingers, allowing them to grab objects.

8. **Find the “Our family tree has many branches” display.**

How much of our DNA do we share with chimpanzees?

Follow the tree: Which species of human is most related to us, *Homo sapiens*?

9. **Find “Mass Extinction #6?”** Complete the Preserving Biodiversity activity. What can you do to help preserve biodiversity?



Discovery Guide Evolution: Life Through Time Grades 3-5

Directions

Answer the guide as you travel through *Evolution: Life Through Time*. This guide is meant to be completed while in the gallery with a chaperone.

1. **Find the Life Thrives in Ancient Seas Exhibit.**

Which fossil is the most abundant in Michigan’s rocky ground? They were one of the first animals to evolve a hard shell.

2. **Find *Dunkleosteus*.** *Dunkleosteus* was known as the Great White Shark of its time. Why?

3. **Find the Carboniferous forest diorama.** What is missing that you would find on many plants today?

_____ and _____

What deposits were created from these 300-million-year-old plants?

4. **Find the case with *Dimetrodon*.**

What kind of animal was *Dimetrodon*?

Who evolved from this kind of animal?

5. **Find *Anchiceratops* and *Majungasaurus*.** They were both dinosaurs living in the Cretaceous period, but they had many differences.

Create a *venn diagram* to compare and contrast the two dinosaurs.

6. **Find the “Fins, wings, and more” display.** Pterosaurs were not dinosaurs but “flying reptiles.” However, some small dinosaurs did evolve to fly. What do we know these animals as?
