

FOR STUDENTS: DURING YOUR VISIT

Skull Sketching:

1. Observe skulls on the "Our Family Tree" exhibit, or pick a skull somewhere else. Note its species and date below, then sketch it.
2. Label the **cranium, forehead, brow ridges, teeth, and chin.**
3. Repeat steps 1-2 with another skull.
4. Write a paragraph explaining how the shape and structure of the hominid skull changed over time.

Species: _____

Species: _____

Skull Date: _____ years ago _____

Skull Date: _____ years ago _____



Tracking DNA:

Find the section of the exhibition "DNA: A Record of the Past." What type of DNA is used to track:

Female ancestry? _____ Why? _____

Male ancestry? _____ Why? _____

Map Migrations:

1. Find the diorama scene with the hyena. (The human is *Homo erectus*.) Read the lower panel to learn about the "Out of Africa" hypothesis of how modern humans evolved and migrated globally.
2. Go to the Earliest Migrations map to see how scientists picture the Out of Africa hypothesis.
3. Use the map to draw each of the five waves of migration below. Label the approximate date of each wave.

