



High School Science Virtual Learning

College Biology

April 15, 2020



High School College Biology
Lesson: April 15, 2020

Objective/Learning Target:

Students will be able to identify the key characteristics of
Chordates

Let's Get Started:

1. Identify which of the following categories includes all others in the list:
arthropod, arachnid, insect, butterfly, crustacean, millipede
2. A shark has a _____ skeleton, whereas a tuna has a _____ skeleton.



Answers:

1. Arthropod
2. cartilaginous; bony



Lesson Activity:

1. Read over pages 23-31 of the Chapter 17 Notes. ([Linked Here](#))
2. Watch this Crash Course video on [Chordates](#).



Practice:

Complete the Interactive Assessment for the Origin of Humans on the [HMI site](#)

Click on the “Launch Interactive” button at the top of the page. The answers to the questions are provided while you watch the video

Practice

1. What adaptations inherited from our primate ancestors enable humans to make and use tools?
2. What is the name of the phylum to which humans belong? What anatomical structure is the reason behind the naming?
3. What is bipedalism and how has it given humans and their ancestors an evolutionary advantage?

Practice Answers:

1. Agile hands, nails instead of claws, opposable thumbs, increased hand/eye coordination and larger brains
2. Chordata, notochord
3. Bipedalism is the ability to walk upright on two feet. This allowed our ancestors to walk many miles to keep up with large herds of grazing animals. It also gave us advantages when hunting other prey.



Review Tools:

- [Kahoot 3](#)
- Mr. Anderson [Video](#) about animals