

My nature connection

A SHOUT OUT TO SKELETONS

Inside all of us is a collection of bones called a skeleton. Skeletons give us shape, protect all of our important organs, and produce blood cells. Humans aren't alone because many different animals also have skeletons!

BONES ON THE BRAIN



GRADES: 1-6
TIME: 30 MIN.

WHAT YOU'LL NEED

- A pen or pencil

VERTEBRATES VS. INVERTEBRATES

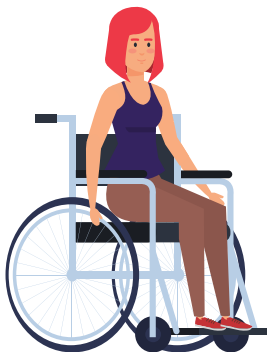
Animals that are made up of bones are called vertebrates. The human body contains between 206-213 bones, and the exact number is different for each animal species.

The vertebrate with the most bones is the python. These giant snakes can be over 20 feet long, and they have 1800 bones in their bodies!

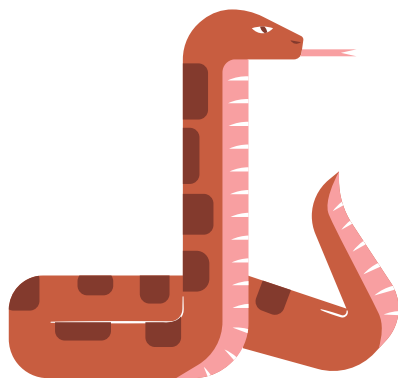
However, some animals have no bones at all! These boneless creatures are called invertebrates. Some famous examples of invertebrates are earthworms, octopi, and even sharks!

SETTING

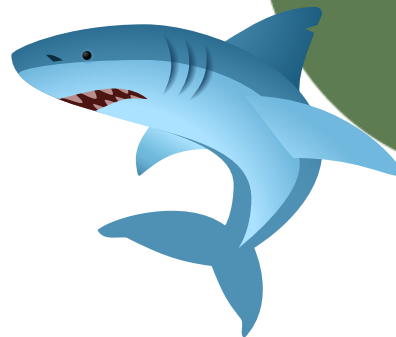
A comfortable place to sit



Humans:
206-213 Bones



Pythons:
1800 Bones

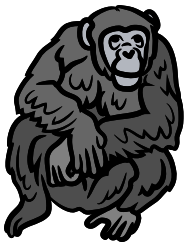
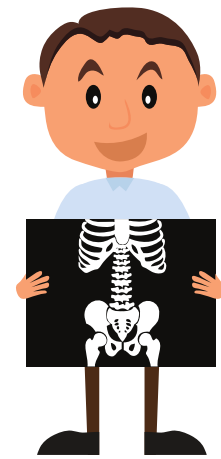


Sharks:
0 Bones

X-Ray Experts

Doctors and scientists can use X-ray machines to see through the skin, fur and organs of animals and better look at their bones.

In this activity, match the skeleton with the animal it belongs to. Draw a line to connect each animal to its skeleton!



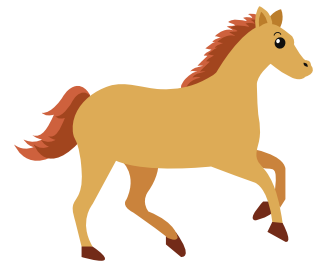
Chimpanzee



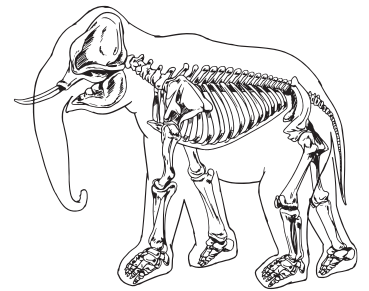
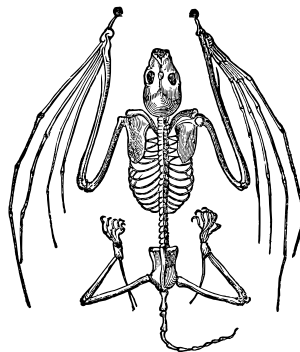
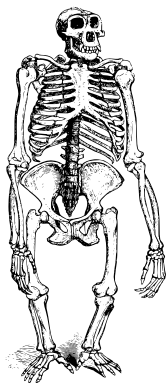
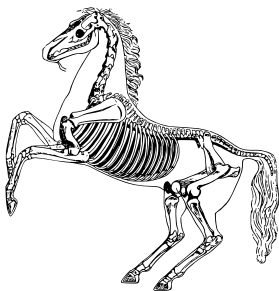
Bat



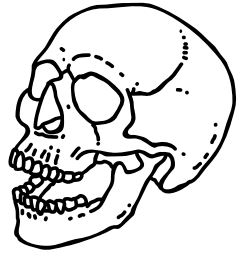
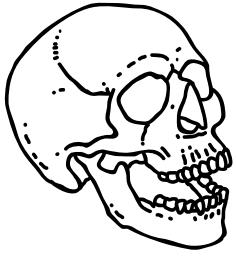
Elephant



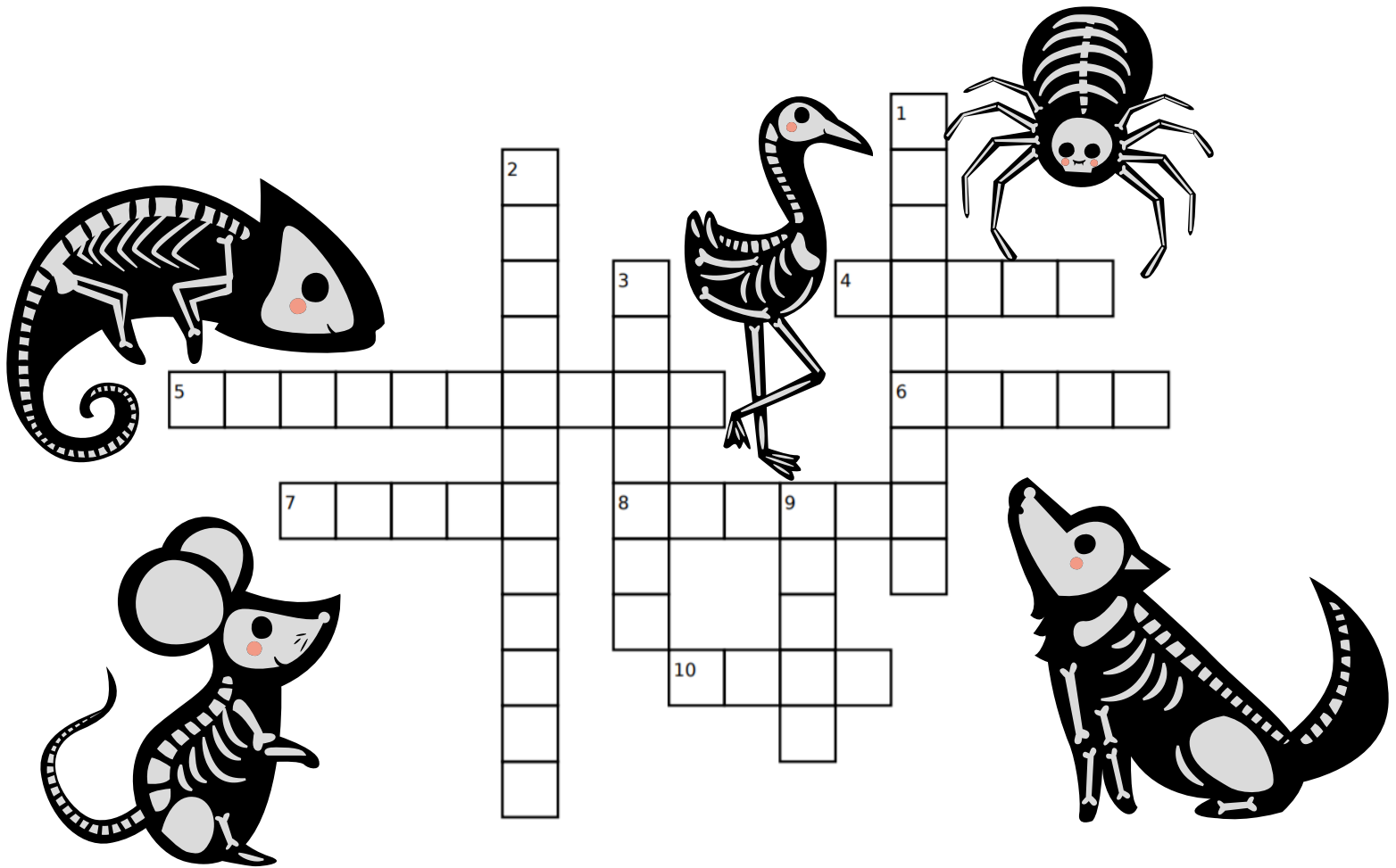
Horse



Cranium Crossword



The cranium is the collection of bones in your head that protects your brain. In this activity, you will use your brain to complete the crossword puzzle. Write the answer to each clue in the corresponding row or column.



Down:

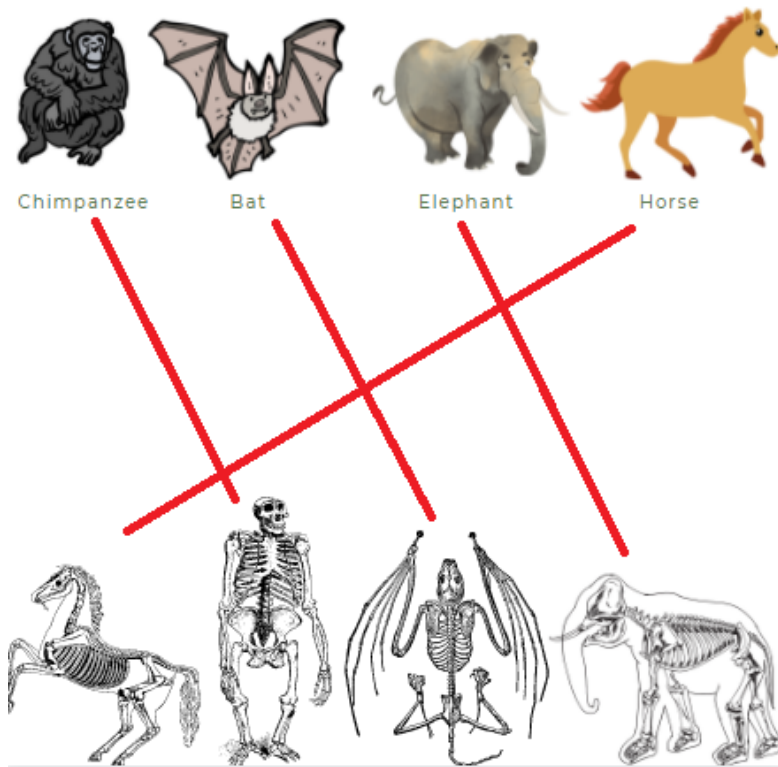
1. a collection of bones within an animal
2. the word for an animal without bones
3. an animal with 8 arms and no bones
9. this animal can have up to 213 bones

Across:

4. the type of cells that bones produce
5. the word for an animal with bones
6. you brush these twice a day but they are not bones
7. the color of your bones
8. the animal with the most bones
10. a machine used by doctors to see the bones of people and animals

Activities Answer Key

X-Ray Experts



Cranium Crossword

