

Archeologist Activity Station

Career Cluster: Science, Technology, Engineering and Mathematics
Career Pathway: Science and mathematics
Occupation: Archeologist

Holland Code: Investigative (*Thinkers*)
People who like to observe, learn, investigate, analyze, evaluate, or solve problems. They like to work by themselves, and they don't like explaining their ideas to other people

What is an Archeologist?

Archeologists focus on conducting research to reconstruct record of past human life and culture from human remains, artifacts, architectural features, and structures.

Related Careers:

- | | | |
|--------------|-------------------|--------------|
| 1. Historian | 3. Egyptologist | 5. Geologist |
| 2. Curator | 4. Anthropologist | 6. Ecologist |

ACTIVITY:



Grade Level: Grades 5-8

Materials Needed: Envelope(s), Primate Reconstruction Page, and Bones1 cut outs.

At a younger age, understanding our past is challenging. This fun activity will allow students to visually see a different evolutionary stage found at archeological sites which help archeologists piece together the past!

Students will get a chance to put the puzzles together and solve the mystery!

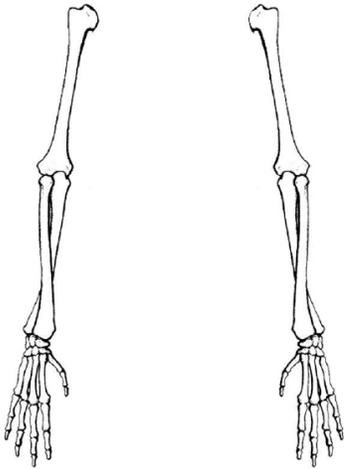
Let's Get Started!

Instructions:

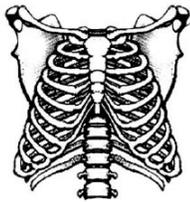
1. Cut out the bone puzzle pieces and place into an envelope. For younger students, place the Human, Chimpanzee, and Australopithecine skeleton cut outs in three separate envelopes.
2. Explain how some theorists believe humans have changed over the course of history (millions upon millions of years) to adapt to their surroundings or become better equipped for the changing world around them.
3. Hand out the envelope(s) containing the Human, Chimpanzee, and Australopithecine Anatomy cut outs. Explain to the students when the cut outs are positioned in the correct order, each reconstruction will spell out the following phrase or one of the words: I'M LUCY (Chimpanzee), WALKER (Human), or PONGID (Australopithecine).
4. After the students have correctly assembled the Human, Chimpanzee, and Australopithecine cut outs on the reconstruction page, discuss the similarities or differences between Humans and Chimpanzees. Then, review the existence of the Australopithecine. Ask students to think about why humans might have changed (evolved) to how they look today. Discuss the student's answers as a class and have fun!



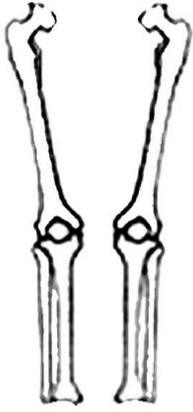
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N



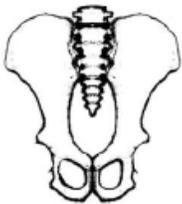
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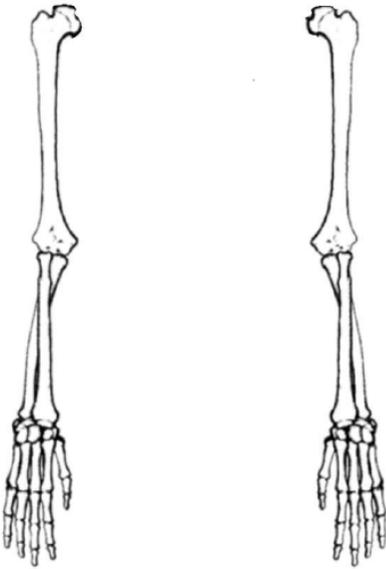
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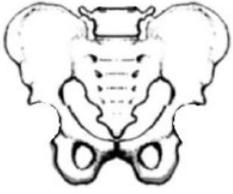
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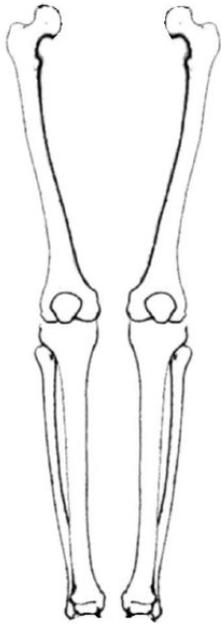
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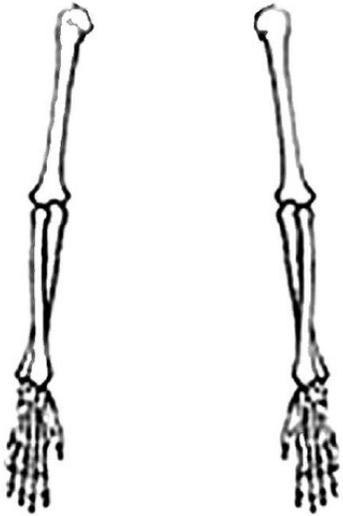
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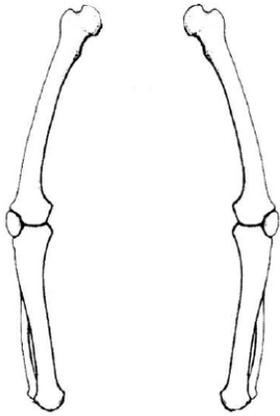
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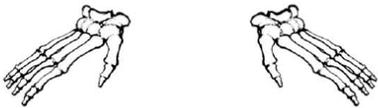
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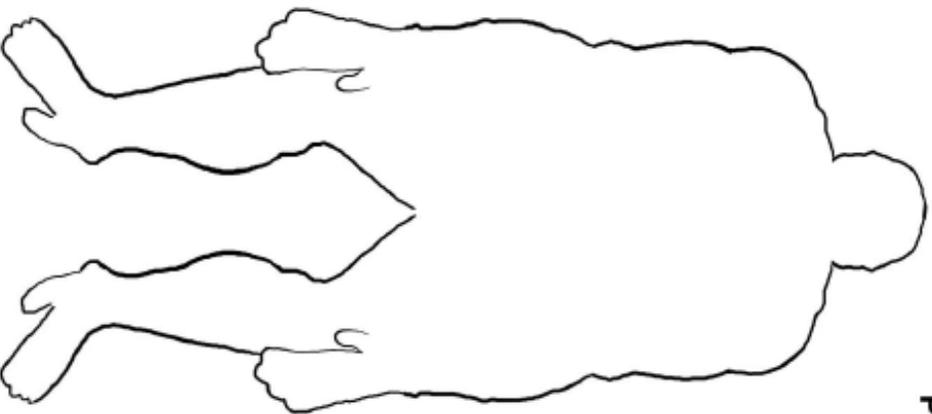
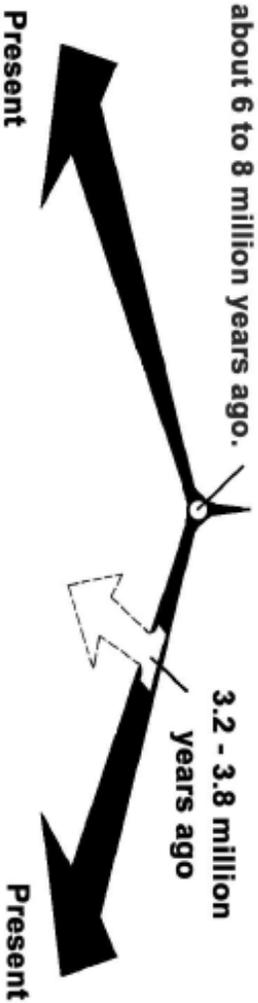
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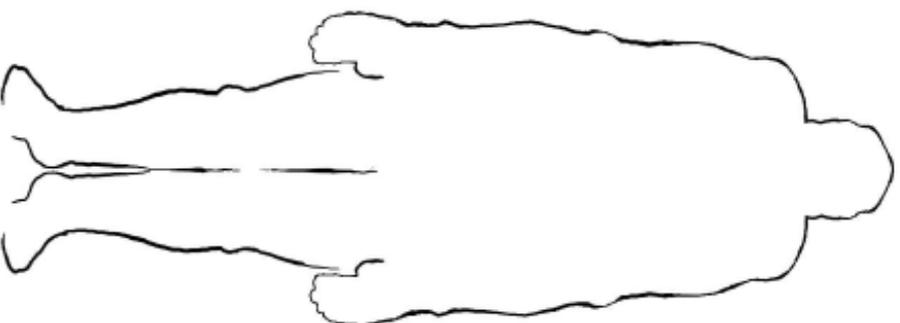
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Primate Reconstruction Page

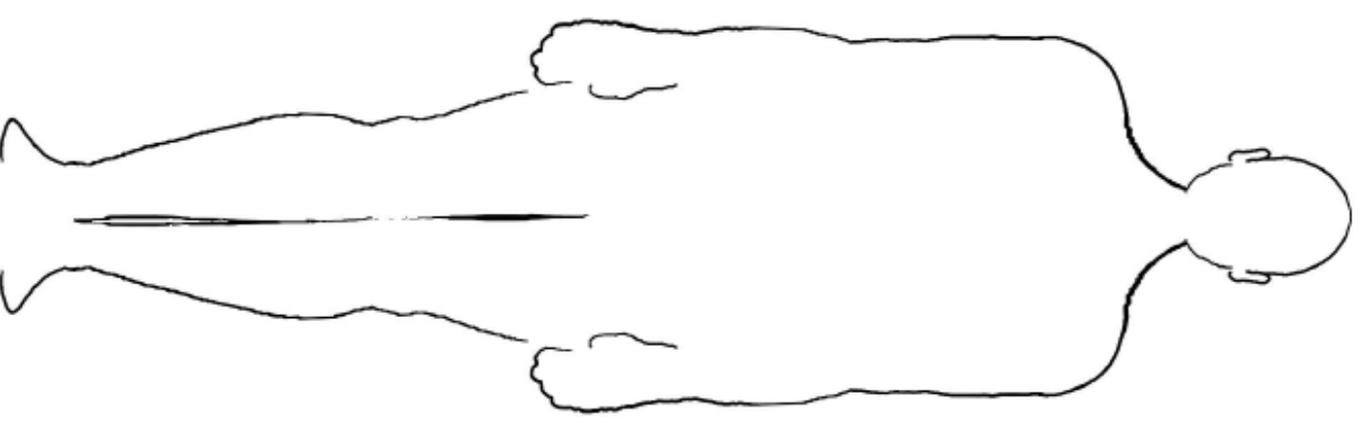
Yet to be discovered most recent common ancestor of chimp and human about 6 to 8 million years ago.



Living primate - Chimpanzee
(*Pan paniscus*)



Fossil Primate - Composite reconstruction of ancient human relative.
(*Female Australopithecus afarensis*)



Living primate - Human
(*Homo sapiens*)