

## Lesson Intro - Becoming Human - First Steps (plays only in single episode version)

▶ Becoming Human Part 1 of 3 "First Steps" HD (2011) (50 min) (or go to Kanopy)

### Becoming Human - a story of evolution

See Mr. Faulkner - "Zoom" Activity - an intro - Divide students into 2 groups. Split up the photo story (5 min).

Then join groups. Decide if anything is missing.

See if students can draw what the middle picture should be. Explain why they made those choices. What information did they look at? Give 10 min.

### Before viewing - Vocabulary (read each definition)

1. Bipedal - animals that walk on 2 (bi-) legs.

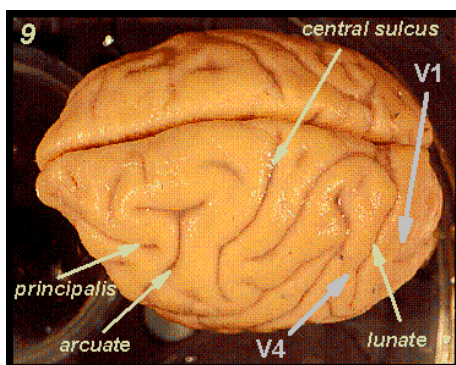
Quadrupedal - animals that walk on 4 (quad-) legs (-pedal).

2. Brain Cavity - the space in the skull where the brain is located. A bigger space allows for a bigger brain.

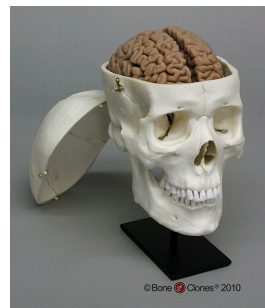
3. Lunate Sulcus - a furrow (deep line) of a chimp brain that divides the visual part of the brain from the rest of the brain.

4. Endocast - a model that can use the empty brain cavity to determine the size of a brain.

Matching - **Write the word for each picture** that matches the definition above.



A.



B.

**During the video - Fill in answers in each box.**

1. Explain how bones (skulls and hips) can show the differences between early humans and apes. - around 12:00 min

2. Create a list of possible reasons for why early humans became more bipedal.

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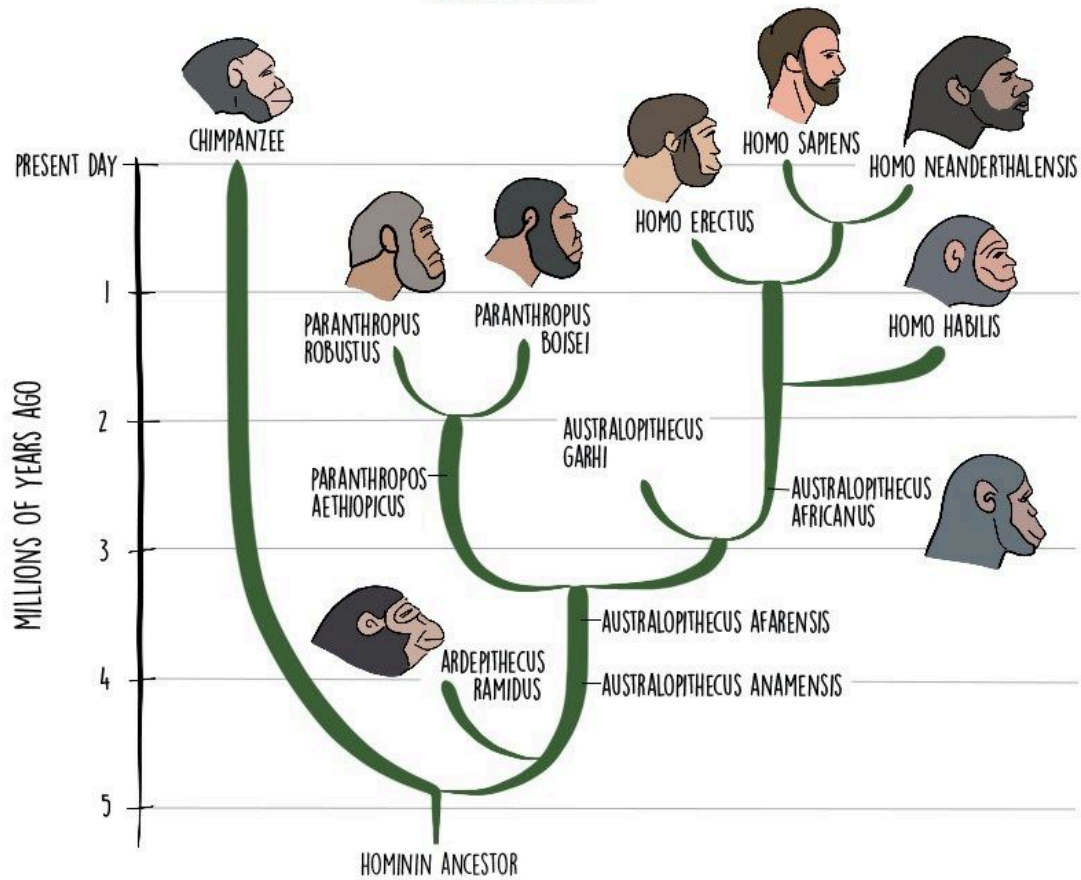
3. What are the reasons for changes in the brain size of early humans?

4. Write and explain 2 other interesting observations that you saw/heard during this video.

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5. Humans on this chart are “Homo sapiens.” What other species on this chart is still alive today? What part of the chart shows this?

6. On the chart, how much older is the estimated “start” date for the species Australopithecus africanus compared to the “start date” for humans (Homo sapiens)?

All done - just another chart version below.

