



DINOSAUR SKELETON



Grades K-3/Grades 4-8

ASSEMBLE A PAPER DINOSAUR SKELETON

Students assemble dinosaur bones.

G'DAY

5 min

G'day is Australian for hello!

Greet your students. Be friendly. Use their name, ask a question, give a high five, or thumbs-up! Take roll. Mark down which students took a snack and tally how many snacks were given out.

SNACK / FREEPLAY

30 min

Enjoy Free Play:

Students will have their snack and enjoy time to free play.

STORY TIME

15 min

*4-8 Older students may choose to read their own books.

Read the story:

Read the story of the day.

STEM TIME

50 min

Assemble a paper dinosaur skeleton

Students will become paleontologists as they assemble paper dinosaur bones from the story A Paleontology Expedition in Moab.

Materials:

- Paper dinosaur bones
- Stories - A Paleontology Expedition in Moab
- Glue sticks
- Building Barbs

Optional: If students would prefer to continue to make more salt dough bones they are welcome to do so.

Instructions:

1. Students assemble their dinosaur bones into a complete skeleton. The students should not use a picture of a completed image of a skeleton for reference, and should instead attempt to assemble the skeleton themselves as best they can manage.
2. Once the students have finished assembling their paper skeleton, show them the in-class video for this activity.
(<https://www.youtube.com/watch?v=T9mZhfTp5LE>)
3. Students use glue sticks to finish the assembly of their dinosaur skeletons. Pause the in-class video at 1:47 seconds so students can get a good look at the finished skeleton.
4. When students complete their skeletons they may also build a dinosaur using building barbs and straws.



Ask: "Can you find any bones that look like the vertebrae of a backbone?"

A vertebrate is any animal that has vertebrae. Vertebrae are the bones that make up the backbone. The animal's spinal cord runs through the vertebrae. This is how the animal's brain communicates with the rest of the animal's body. Dinosaurs are similar to humans in that they have vertebrae

Ask: "Can you find any long bones that look like they could make the animal's arms and legs?"

The longest bones are in our arms and legs. The bone in the upper arm is the humerus, and the bone in the upper leg is the femur. These two bones are the longest bones in our bodies. Dinosaurs are similar to humans in that they both have a humerus and a femur.

Ask: "Can you find any bones that look like they fit together as a ball joint?"

Remember, the only two places in the body that have a ball and socket joint are in the hips and in the shoulder. The ball would be on the top of the arm bone (humerus) or leg bone (femur). The socket, where the ball attaches would be on the hips or shoulder. Look for what you think would be the arm bone or the hip bone. Look for a circle. The socket should be circular.

Ask: "Do you see any ribs?" Rib bones are long and skinny.

SPORTS / GAMES

25 min

* Older students may choose to practice their sport instead of playing the game of the day.

Extinct Dinosaur

Students will play a reverse version of Hide and Seek.

Instructions- In this version of Hide and Seek, one player will be chosen to be the extinct dinosaur. Everyone else will be the dinosaurs who turn around, close their eyes, and count for 30-60 seconds. The extinct dinosaur will hide as the other dinosaurs count. When the dinosaurs are finished counting, they will search for the extinct dinosaur. When a player finds the extinct dinosaur, they will quietly hide with them so as not to give away their location. As more dinosaurs become extinct, the last person to find them will become the extinct dinosaur for the next round.

Instructions:

Allow your students some homework time. If they need help let them know you can help them. If they do not have any homework they can have some reading time, or they can have free time to go outside and play.

HOMEWORK / FREEPLAY

20 min

CLEAN UP / DISMISSAL

5 min

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