

ACADEMY VIRTUAL FESTIVAL PALEOPALOOZA

A Nine-Day Festival of Fossils

October 17–25

3-D Dinosaur Skeleton

When fossils are brought back to the museum, paleontologists will clean all of the matrix, or extra rock, off the fossil. After this they will assemble any broken pieces using a special fossil glue, Paleo-bond, and fill in any missing pieces with a special clay mixture. This stabilizes the fossil and makes it more durable when paleontologists study the fossil. Can you assemble your own dinosaur skeleton?

Know before you begin

- This activity can be done inside or outside
- All supplies are easy to find, substitute or modify
- Adult supervision is recommended
- Please choose a safe space to play

Materials

- Printed 3-D dinosaur skeleton on cardstock paper or other thick paper
- Crayons or colored pencils
- Scissors
- Tape or Glue Dots

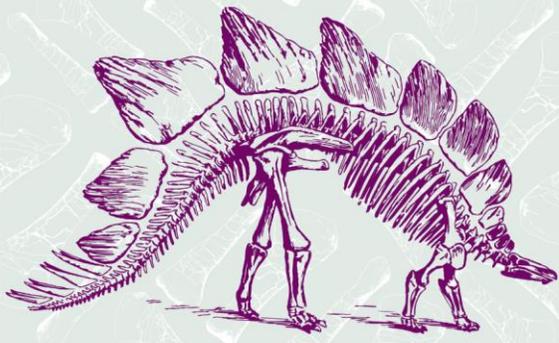
Instructions

- Print your dinosaur skeleton on Cardstock. Or draw your 3-D dinosaur on cardstock paper or cardboard.
- Color your dinosaur skeleton.
- Cut out your dinosaur skeleton and assemble the pieces. **Note:** you may want to use tape or Glue Dots to keep your dinosaur skeleton from falling apart.

Dinosaur tails were great in helping the dinosaur to keep its balance. What body part is the tail balancing on this dinosaur? **Note:** If your dinosaur will not balance properly, add small vertebrae, or backbones, to the tail of the dinosaur.

What would it take to have this dinosaur's tail up off the ground? Experiment to find out.

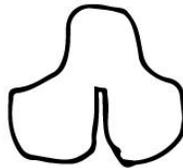
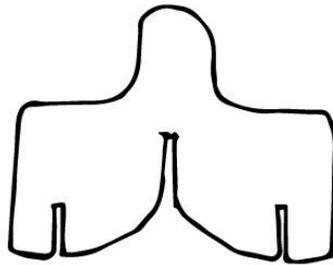
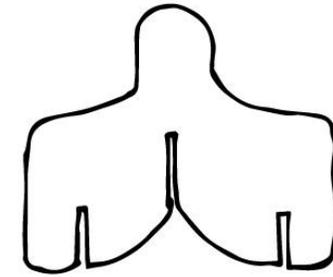
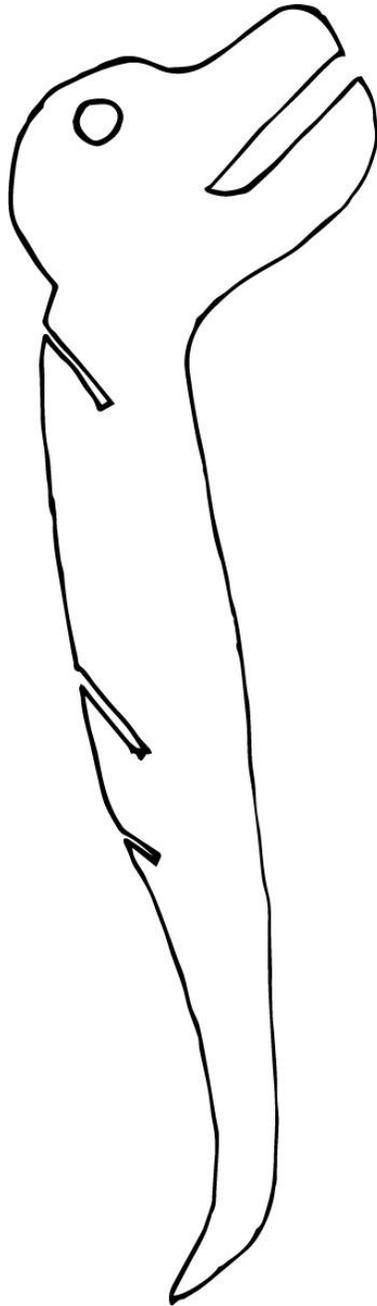
Optional: Add nose horns, tail spikes, or back sails to create your favorite dinosaur or one from your imagination. Remember, paleontologists haven't found all the dinosaur fossils.



ACADEMY VIRTUAL FESTIVAL
PALEOPALOOZA

A Nine-Day Festival of Fossils

October 17-25



The Academy of
Natural Sciences
of DREXEL UNIVERSITY

1900 Benjamin Franklin Parkway
Philadelphia, PA 19103
215-299-1182
ANSP.ORG