

Science: Dinosaur Sculpture



GRADE / AGE

3rd – 6th grade

TEACHING GOALS/OBJECTIVES

Students will create dinosaur sculpture by learning how each body parts relate to its characteristics (carnivore vs. omnivore, hunting vs. grazing, etc.) and what kind of habitat would it be in.

TECHNIQUES / SKILLS

- Hand building techniques: coil & pinch
- Slipping & scoring dinosaur body parts
- Sculpting/modeling dinosaur body
- Using sgraffito to create lines and texture

MATERIALS

- Jurassic dinosaur binder
- clay
- skewers
- slip
- plastic forks and knives
- canvas
- water buckets
- cutting wire
- sponges

BACKGROUND

Please see packet of Jurassic Period dinosaurs

LESSON DESCRIPTION

1. Look at pictures of dinosaurs and discuss their shapes and characteristics.
2. To create a dinosaur out of clay start by making two small pinch pots. Put newspaper inside and attach to create a ball. This will be used as the body.

3. Make coils to be legs, neck and tail of dinosaur.
4. Do some problem solving. "What can I do to make the neck? What shapes will I need for the legs?"
5. Show students different sized coils as a starting point for neck and legs.
6. Slip and score on legs and neck. Add newspaper for stability if needed
7. Make a ball for the head and add details with modeling tools.
8. Demonstrate how to add details with modeling tools. Use skewers to add textures.

TROUBLE SHOOTING

Stability of figure; one way to make sure dinosaurs stand is to add a base to the project. Make sure coils are strong enough to hold up the body and head of the dinosaur.

LINKS

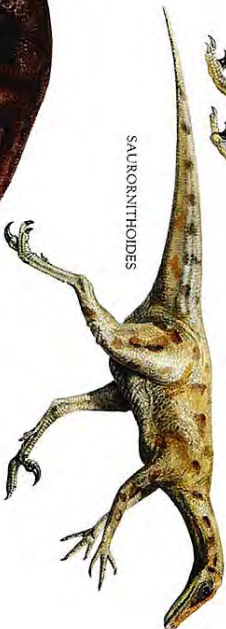
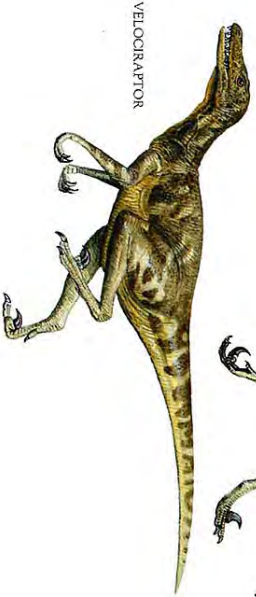
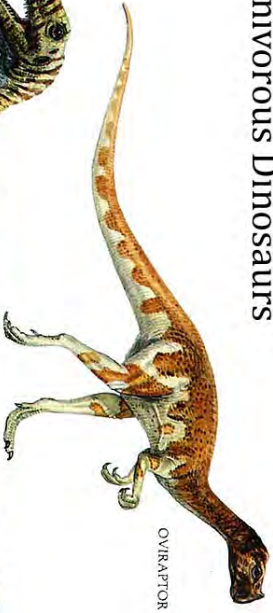
<http://www.enchantedlearning.com/subjects/dinosaurs/mesozoic/jurassic/lj.shtml>

CATEGORIES

Science

IMAGES

Carnivorous Dinosaurs



Long Necked Browsing Dinosaurs

ORSTHOCELIKAUDIA



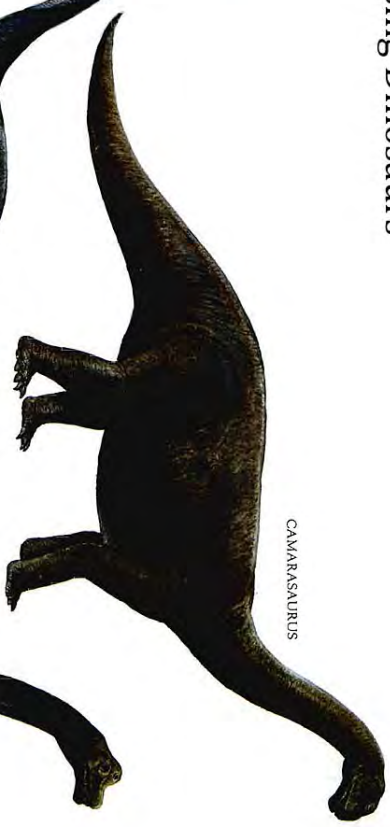
CETIOSAURUS



EUHELORUS



CAMARASAURUS



BRACHIOSAURUS



BARASAURUS



Large Carnivorous Dinosaurs



TERATOSAURUS



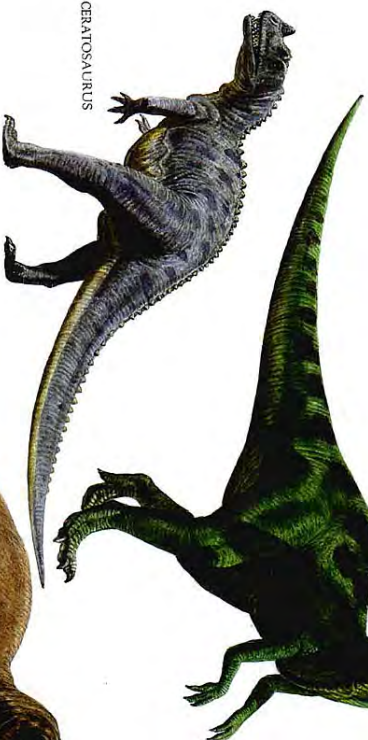
PROCERATOSAURUS



DILOPHOSAURUS



EUSTREPTOSPONDYLUS



YANOCHUANOSAURUS



CERATOSAURUS



ALLOSAURUS



MEGALOSAURUS

More Duckbilled Dinosaurs



PROSAUROLOPHUS



HYPACROSAURUS



SAUROLOPHUS



LAMBEOSAURUS



CORYTHOSAURUS



TSINTAOSAURUS



PARASAUROLOPHUS

More Armoured Dinosaurs



SAUROPELTA



EUOPLOCEPHALLUS



SILVISAUURUS



NODOSAURUS



STRUTHIOSAURUS



TALARURUS



SACHANANIA



PANOPIOSAURUS



ANKYIOSAURIL

Early Herbivorous Dinosaurs

PLATEOSAUURUS



ANCHISAURUS



MUSSAUURUS



RIOASAUURUS



MASSOPONDYLUS



ERRAASIA



THECODONTOSAURUS

