

DINOSAURS

A SCIENCE UNIT

Make learning about Dinosaurs fun and engaging!



scroll
to take a
peek
inside

KINDER 21 activities

Here is what is included:

- ✔ Lesson plans for a week
 - ✔ PowerPoints and printable posters
 - ✔ Teacher resources to make instruction easier
 - ✔ Dinosaur craft and STEM activities
 - ✔ Emergent readers and Bingo game
 - ✔ Book activities and research writing
 - ✔ Worksheets and sorts
- ...and SO much more!

Here is a Sneak Peak:

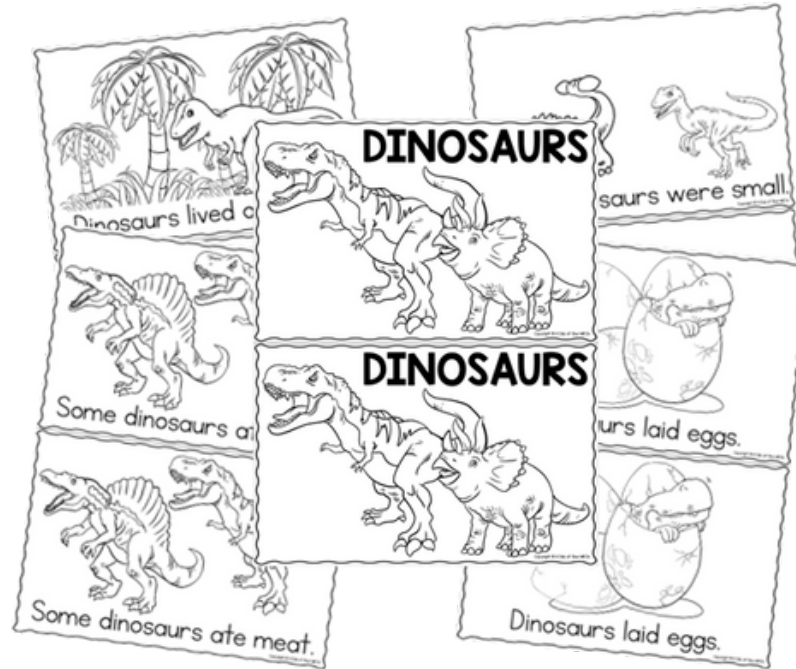


Engage your students in hands-on learning and exploration all about dinosaurs!

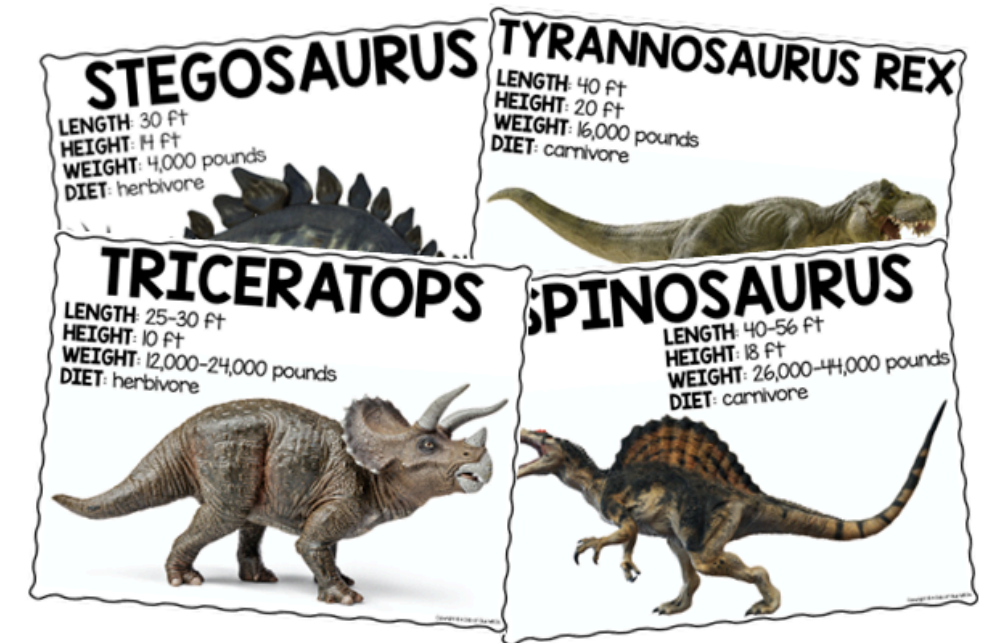
Take a Closer Look:



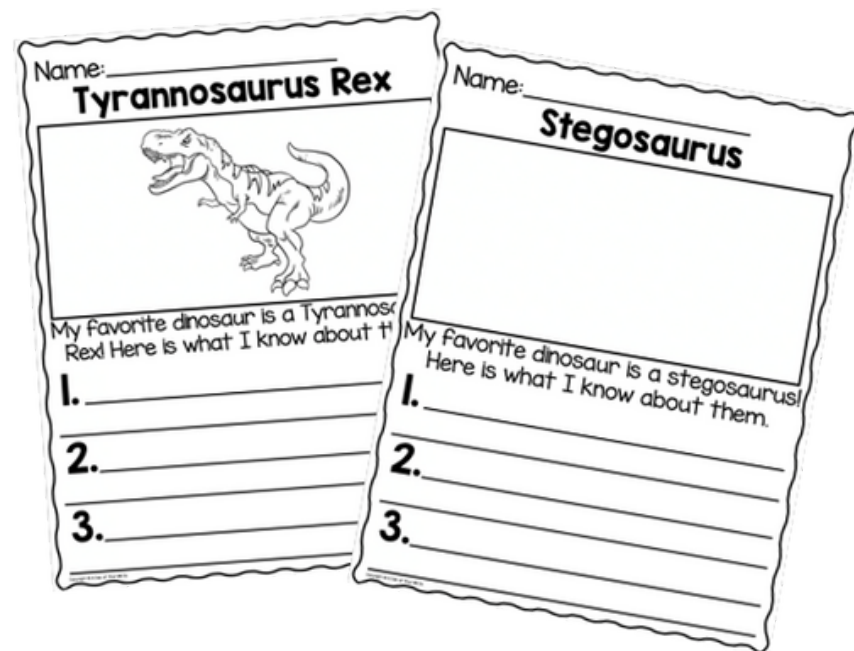
dinosaur powerpoint



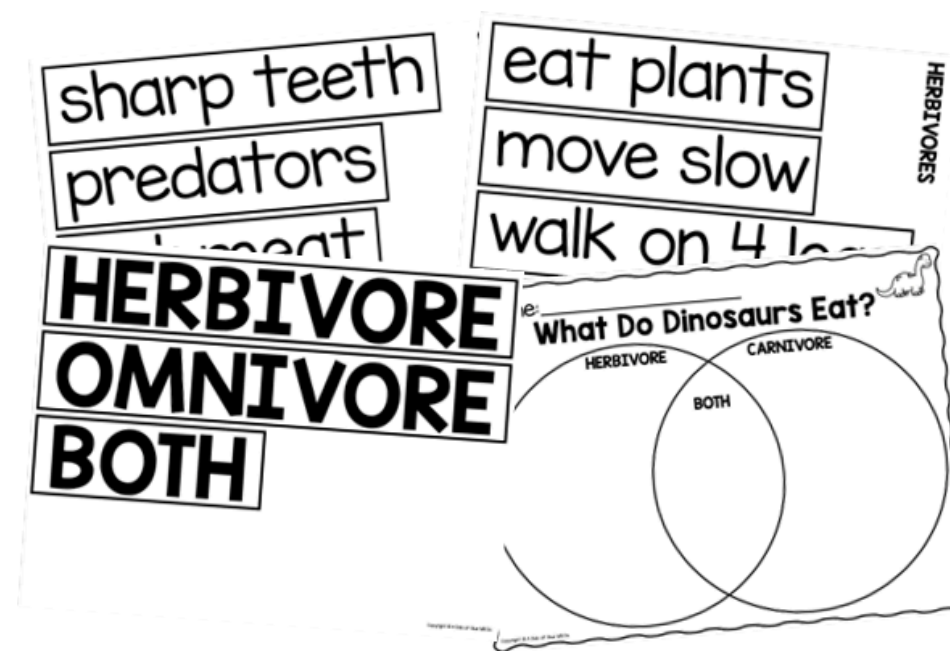
dinosaurs reader



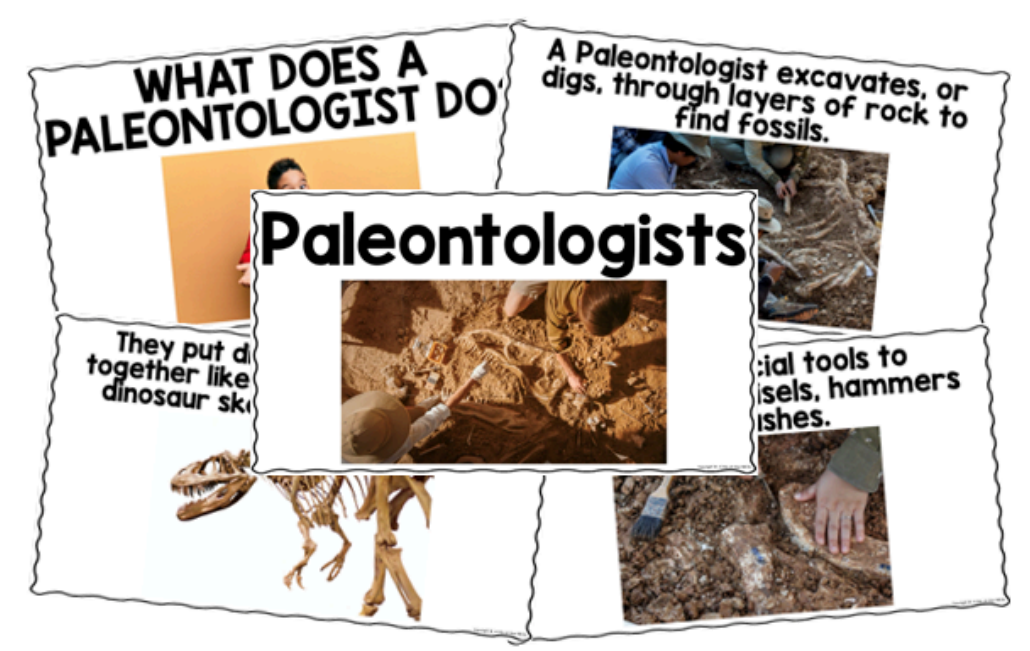
dinosaur posters



research writing

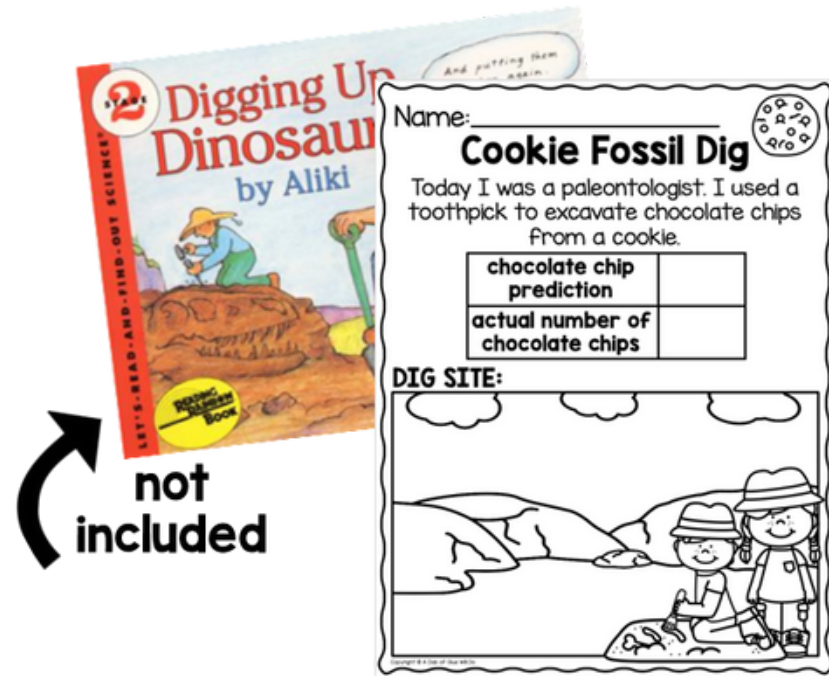


types of eater sort



paleontologist powerpoint

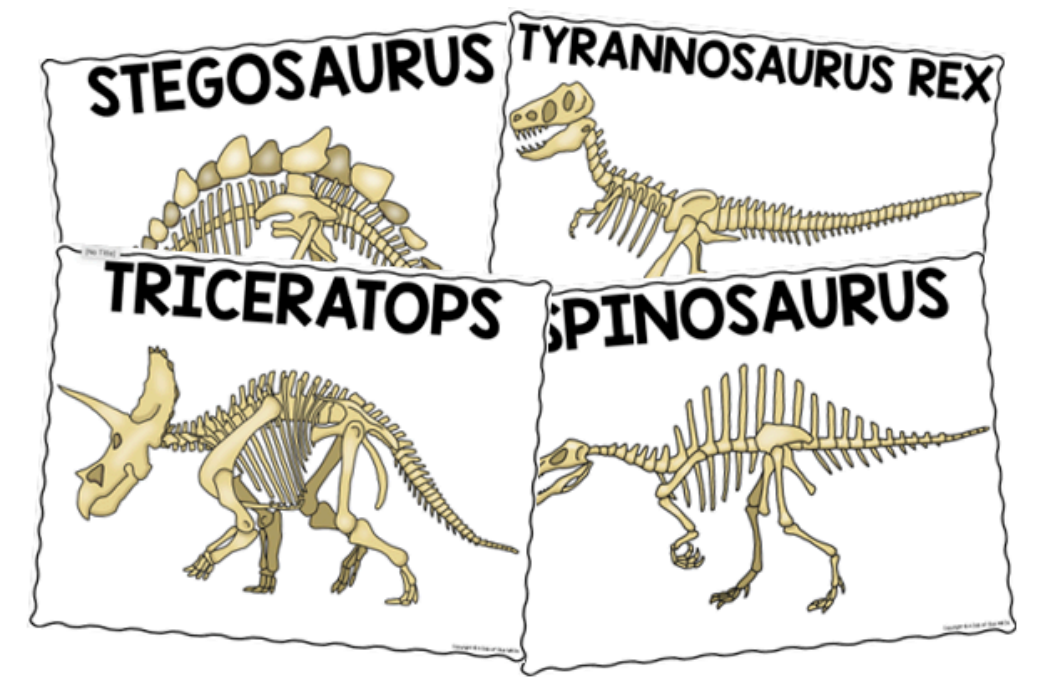
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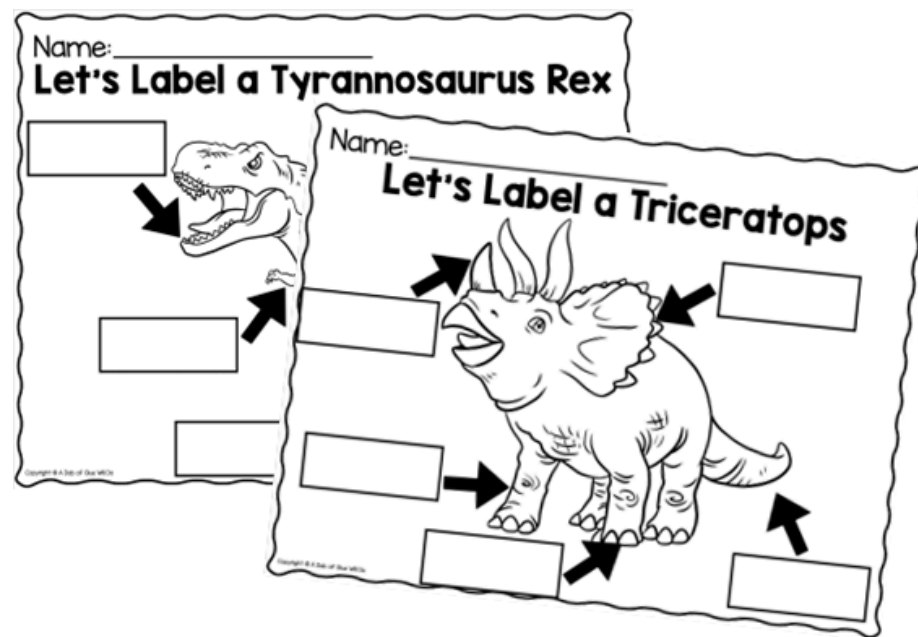
cookie excavating



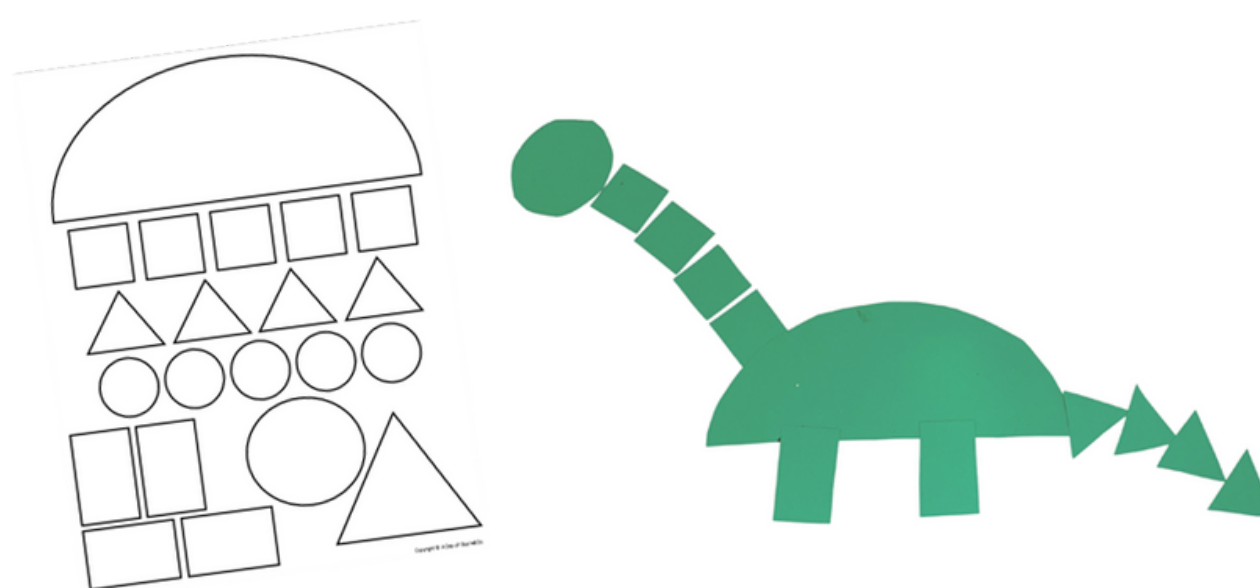
dinosaur writing



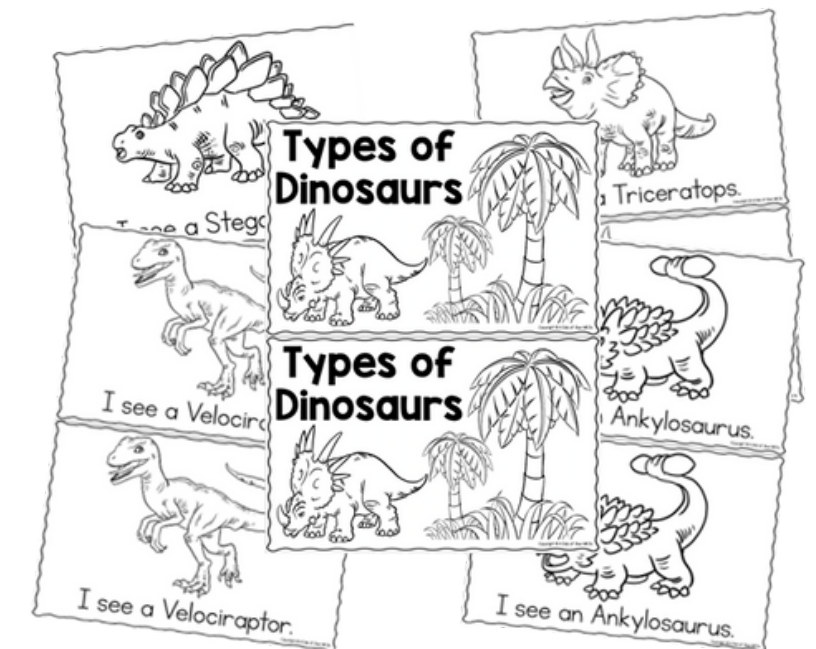
skeleton posters



label a dinosaur



build a dinosaur craft

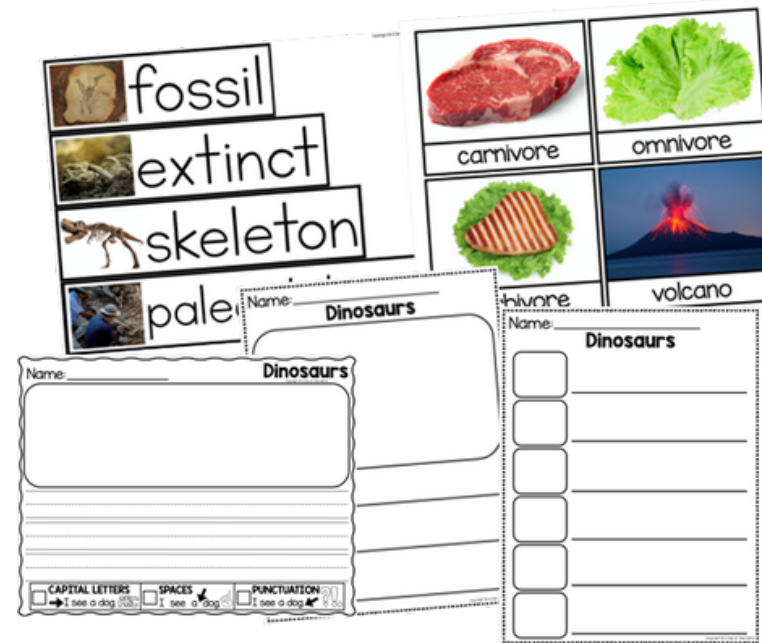


dinosaur types reader

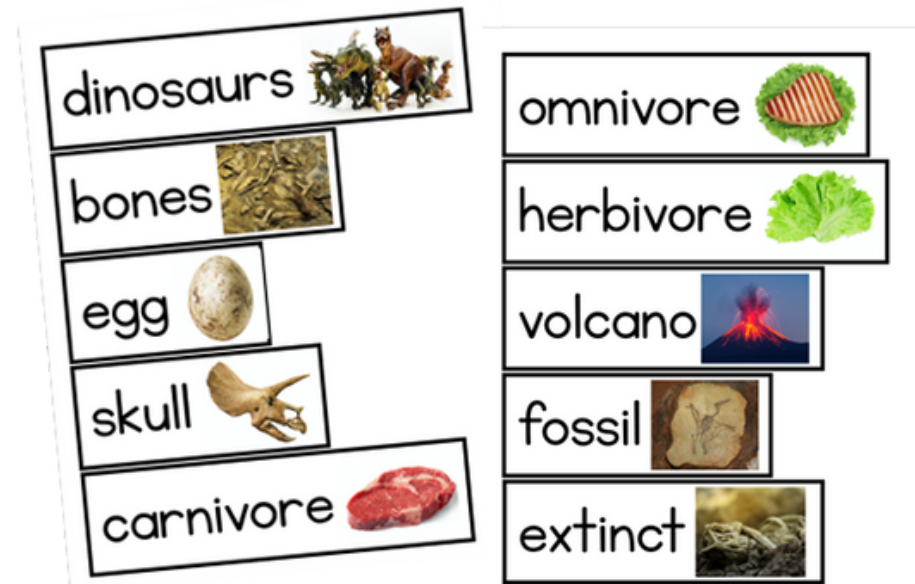
Take a Closer Look:



definition posters



writing center



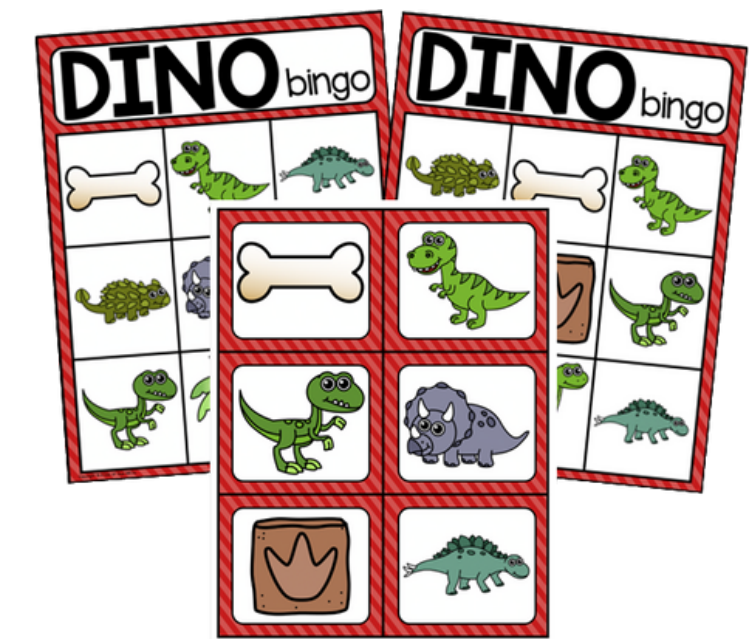
word wall



hook decor



circle maps



bingo game

Take a Closer Look:

T Complete the...
W Look at...
Th Read...
M Monday

DINOSAURS science

DIOSAURS CAME

MATERIALS needed

- Dinosaur books
- Plastic tub/bin
- Variety of pasta
- balloons
- Toilet paper /paper towel tubes
- Play sand
- Plastic tweezers
- Paint brushes
- plastic dinosaurs
- Small plastic dinosaur skeletons
- Hula hoops
- Blue and green construction paper
- Chocolate chip cookies
- Toothpicks
- Wheat Flour
- Salt
- Small droppers

INTRODUCTION

-HOOK Make a trail of paper dinosaur prints that lead to a box labeled "For Ms. Paleontologists Only. Open at your own risk!" Inside put clues about what students will be learning.

-Make a KWL chart of what students already know about Dinosaurs and what they want to know. Later you will come back to fill in what they learned.

-Complete Dinosaur PowerPoint.

-Complete Dinosaurs Book.

-Introduce Dinosaur centers for the week. Please see our selection of Dinosaur songs, books, and videos!

lesson plans

science: DINOSAURS

Dear Families,

We are learning All About Dinosaurs in the classroom this week. We are studying what dinosaurs like to eat, what fossils and bones can reveal about them, and how many different types of dinosaurs existed long ago! Dinosaurs may be extinct from the face of the planet, but they are alive and well in our imaginations.

At Home Activity:

To learn more about Dinosaurs at home- Have children pretend to be paleontologists who have discovered bones (pasta) in the ground. They must figure out how to put the bones together to make a dinosaur. Have children mash play dough flat on a plate. Then press pasta shapes (bones) into the play dough to make a dinosaur skeleton shape.

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at-home letter

TEACHER GUIDE for DINOSAURS

WHAT ARE DINOSAURS?

- Dinosaurs are prehistoric reptiles that lived on Earth for more than 140 million years before going extinct around 65 million years ago.
- Dinosaurs evolved and adapted to survive in a variety of different ecosystems.
- Dinosaurs are said to have had such success because of their straight back legs, making it easier for them to move than other reptiles like lizards who have to crawl in a sprawl-like way.

DID YOU KNOW?

A group of living dinosaurs are still with us today! Birds are evolved dinosaurs! They belong to the theropod group of dinosaurs that also included T-Rexes.

DINOSAUR CHARACTERISTICS

- They laid eggs like other reptiles.
- Dinosaurs lived on land, not in the sea, except for some birds.
- Dinosaurs had an upright stance with legs perpendicular to their body.
- A dinosaur's skull had a hole between the eye socket and nostril.
- Dinosaurs had two holes behind the eye socket for the jaw muscles to be able to connect directly to the top of the skull, giving them their wide and Forceful bite!

DINOSAURS LIVE?

Dinosaurs lived between 245 and 66 million years ago in a time called the Mesozoic Era. The Mesozoic Era is divided into three periods by scientists: Jurassic, Cretaceous, and Paleozoic.

DINOSAURS GO EXTINCT?

Dinosaurs lived and changed over millions of years ago when they disappeared in a relatively short amount of time. The first dinosaurs came about in this time period, along with climate changes, led to the dinosaurs still research and debate.

teacher guide

SCIENCE CENTER for DINOSAURS

GETTING STARTED

Fill your center with lots of fun materials that your kids can use to investigate and explore dinosaurs. Don't forget to include some books and vocabulary cards.

SHARING TIME

In a group setting of your choice ask, "Who were my scientists today?" At this time those who went to the science center have a chance to tell the class what they discovered or observed and any questions they may have. We have a list of open-ended questions in this unit.

IF a child makes an exciting discovery in the science center, they will surely want to share it with everyone, and it just can't wait! At this time, you can ask classmates to join you near the science center so your little scientist can share their findings and enthusiasm in just a short minute or two. You will need to come up with a sign or chant that designates that it is time for the kids to go to their center. It can be as simple as fist bump, high five, thumbs up or a chant like, Good Job, Good Job Hey!

student's enthusiasm in the science center will entice others to go there tomorrow.

science center

QUESTIONS TO ASK for DINOSAURS SCIENCE talk

Why do we want to learn about dinosaurs?

Do you think there are new types of dinosaurs that haven't been discovered? Are there still fossils out there to find?

Why do you think dinosaurs that were carnivores were 2 legged? How did having 2 arms help them hunt?

Did all dinosaurs live in groups or did some live alone?

What is the closest living relative to T-Rex?

What color do you think a T-Rex was? Spinosaurus?

What are fossils? Are they just dinosaur bones?

How would you know _____?

Why do you think that _____?

What else might have caused _____?

How can you explain your findings? Recall in your own words.

Was it different than _____?

Why will you know if _____?

How do you think you could _____?

What did you decide _____?

How do you tell me about that? does that work?

How do you draw me a picture of your findings? will it happen if _____?

What do you think is most important? when did it happen when _____?

How would you change it? how is this similar to something else you think of another way _____?

What new solution did you handle this challenge/question?

science questions

DINOSAUR BOOKS

To help you with your planning of your Dinosaur Unit, we have curated a list of our favorite Dinosaur Books!

Click anywhere on the page to be taken to our Amazon Favorites

DINOSAUR VIDEOS

To assist with the planning of your Dinosaur Unit, we have curated a list of our favorite dinosaurs VIDEOS!

It's a Bird, It's a Plane! It's a Dinosaur!

Get to Know a Dinosaur!

I, Rex! Dino Road Trip

Learning Dinosaurs For Kids With Blippi

Dinosaur 101

DINOSAUR SONGS

To help you with your planning of your Dinosaur Unit, we have curated a list of our favorite dinosaur SONGS!

StoryBots: Dinosaurs

The Dinosaur Song

Blippi: Dinosaur Song!


The Dinosaurs Song

resource lists

Take a Closer Look:

SALT DOUGH DINO FOSSILS

-2 cups flour (wheat flour makes it darker)
-1 cup salt
-1/2 cup warm water
-Plastic dinosaurs
-Plastic dinosaur skeletons



INSTRUCTIONS
1. **Mix it up.** Mix the flour, salt, and warm water together to make salt dough.
2. **Roll small balls.** Make small balls of salt dough, then press flat with the palm of your hand.
3. **Dinosaur impressions.** Gently press a dinosaur or dinosaur skeleton into the dough.
4. **Cook the dough.** Place all the "fossils" on a baking sheet and bake on 250 degrees for 1-2 hours. Take out of oven, once hard.
***You can also let the fossils dry without baking. It will take about a week for it to fully dry.

salt dough fossils

What am I?



I walk on two
I have big teeth
I have sharp claws
short arms
a T-Rex!
T-Rex!


what am I? reader

DINOSAUR EGGS

Your little Paleontologists will love testing out the best ways to get their dinosaur out!

SUPPLIES (depending on how craft is completed)

- small dinosaur figurines
- balloons
- tray or tub
- droppers
- warm water
- salt
- spoons



DIRECTIONS
Prep:
• Add one dinosaur into each balloon. Fill balloons with water and freeze over night.
Activity:
• Cut the balloon top and peel away the remaining part of the balloon. Place ice eggs in a tray with tools. Students will use the dropper and warm water to melt the ice, and the spoon to scoop away bits of ice.
• Can your students think of other ways to make the ice melt? Other tools to use?

dino egg experiment

DINOSAUR STEM

What kind of dinosaur skeleton can you build?

SUPPLIES:


- empty paper towel rolls
- empty toilet paper rolls
- skeleton dinosaur cards

DIRECTIONS:
Students will work independently or in pairs to build a large-scale dinosaur skeleton. Set the stage by filling a large bucket with empty paper towel and toilet paper rolls. Students will choose a dinosaur skeleton to build and will use the card as a guide. Give students a large space to build their skeleton, ideally a rug or carpeted area.

dinosaur STEM

Name: _____


Stegosaurus



could had wa

Name: _____


Tyrannosaurus Rex



could had was

Name: _____


Velociraptor



could had was

Name: _____

Triceratops



could had was

dinosaurs could, had, was

DIGGING FOR BONES SENSORY BIN

Sensory tubs are wonderful for students. They provide opportunities to explore sights, sounds, smells and textures that promote imaginary play and language development.

1. Play sand or kinetic sand to represent the dirt of the dig site.
2. Bury a variety of dry pastas to represent dinosaur bones.
3. Print and laminate dinosaur skeleton cards. Students will choose one dinosaur at a time.
4. Use small paint brushes and tweezers to excavate the dinosaur bones.
5. Place bones on the dinosaur to build the skeleton!

and so much more!

Why Teachers LOVE it:



OPTIONS

- ✓ Variations for differentiating
- ✓ Printables in color and B&W



EASY TO USE

- ✓ Teacher Guide
- ✓ Printables
- ✓ Lesson Plans



ENGAGING

- ✓ Real Pictures
- ✓ Fun Crafts
- ✓ Hands-on Activities



What Teachers Are Saying



“My students loved reading and writing about dinosaurs using this resource. The posters were perfect to help them!” -Kathy L.



“Super resource that my kids really enjoyed and also saved me so much time! Well laid out and the info is clearly presented!” -Elaine F.



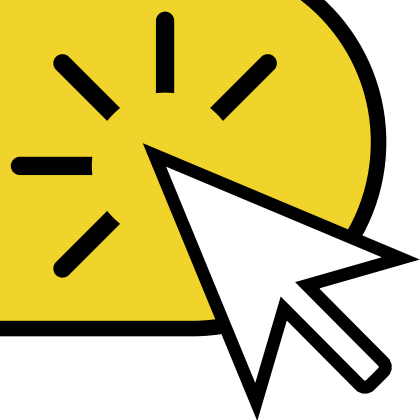
“LOVE! It’s hard to find more than just coloring dinosaurs. Thank you for challenging my students and giving interesting activities!” -L.M.



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ENDLESS SCIENCE mega bundle



meet the team

I'm Jennifer... I am the founder and creator of A Dab of Glue Will Do and Dollar Teachers Club. I taught Kindergarten and 1st grade. I have a stash of chocolate in my desk and a Starbucks tea in my hand to keep me going. I love reading and watching my kiddos play soccer and do taekwondo.

jennifer



Here at A Dab of Glue Will Do, our team makes the lives of busy teachers a little easier by creating meaningful classroom resources to engage, encourage, and meet the needs of their little learners.

When you purchase from us, know that you're getting quality products made by teachers, for teachers. Customer service is our top priority, so please reach out to us with any questions or concerns.



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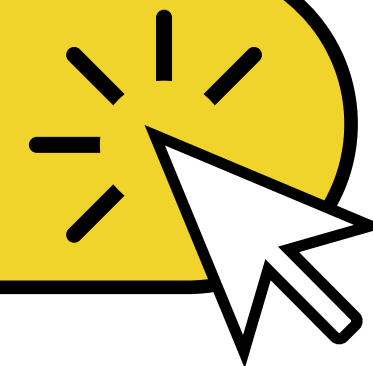
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