LANDFORMS
A SCIENCE UNIT



PRE-K **335 PAGES**

Teach young learners all about force and motion!

scroll **to take a peek inside**

Here is what is included:

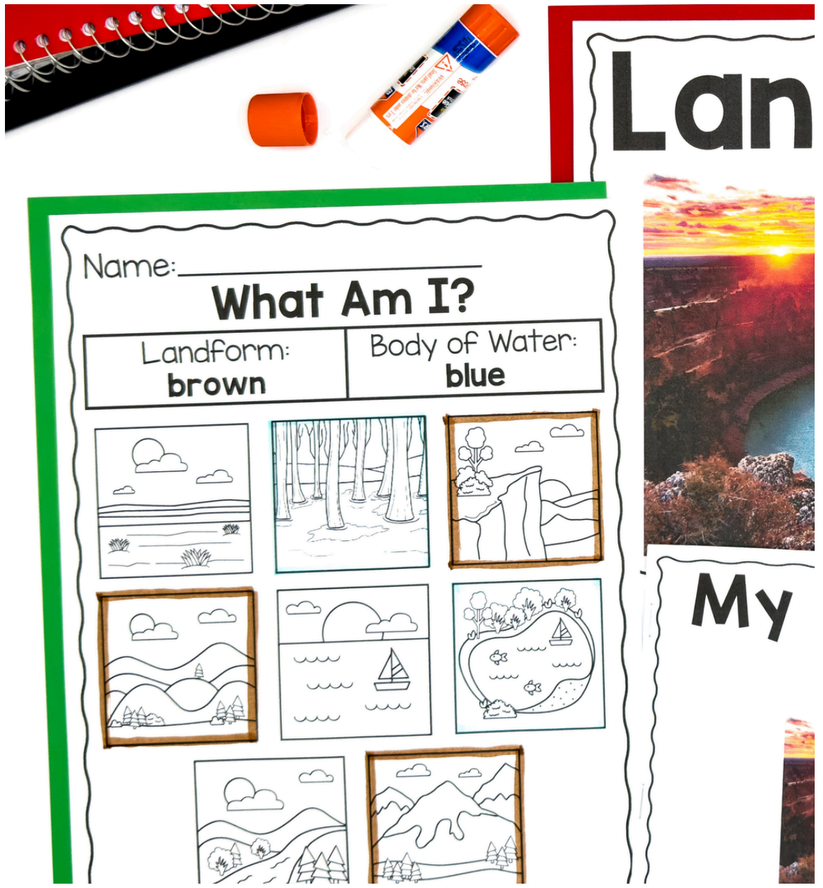
- Lesson plans
- PowerPoints and printable posters
- Engaging worksheets and emergent readers
- How things move and push and pull activities
- Gravity, friction, and ramps activities
- Hands-on experiments and sorts
- Craft, hats, and writing center

...and SO much more!

Here is a Sneak Peak:







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

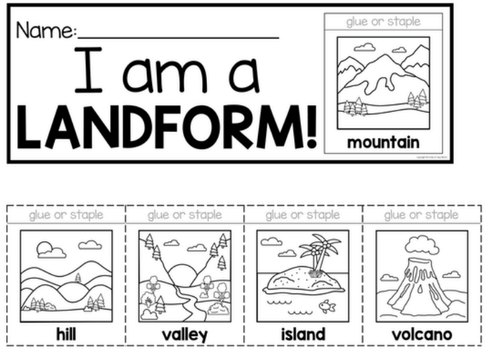
Take a Closer Look:



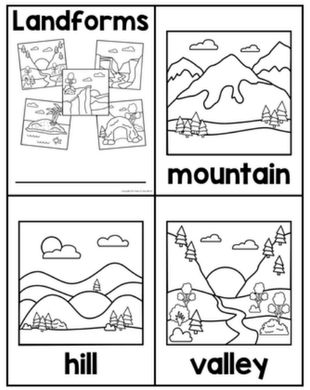
landforms powerpoint



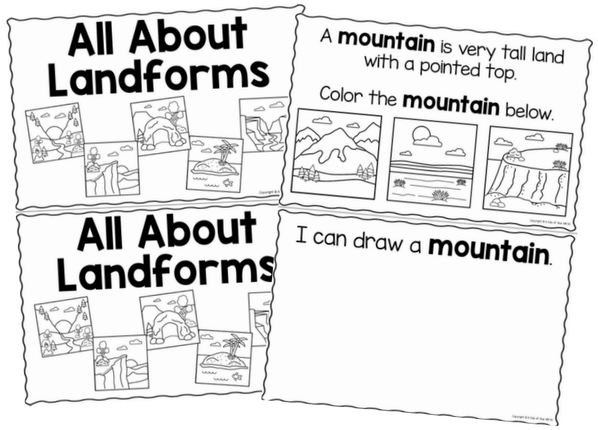
landforms hat



landform flipbook



landform minibook

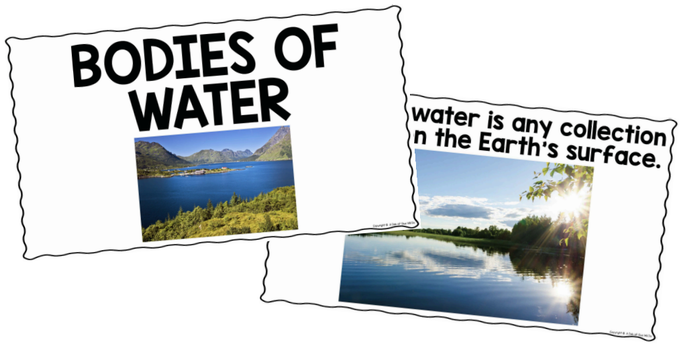


all about landforms book

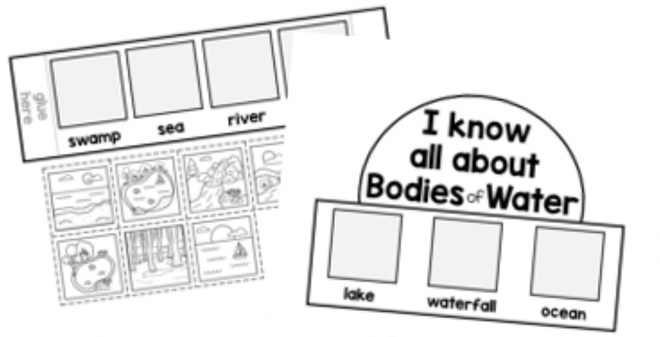


I can draw landforms

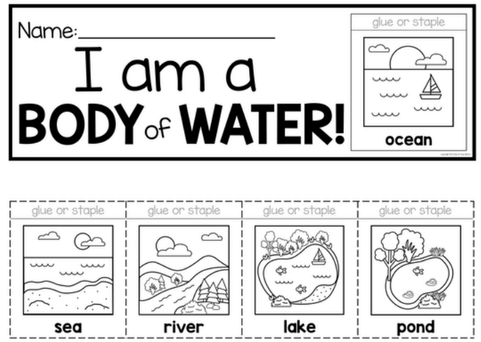
Take a Closer Look:



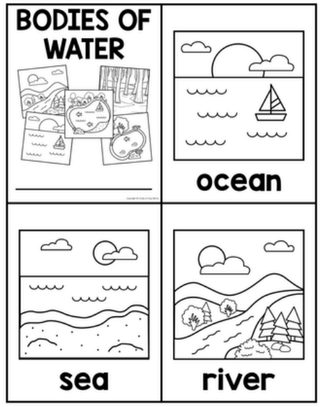
bodies of water powerpoint



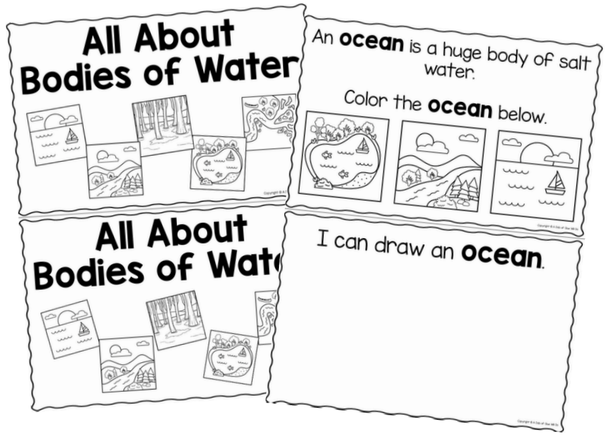
bodies of water hat



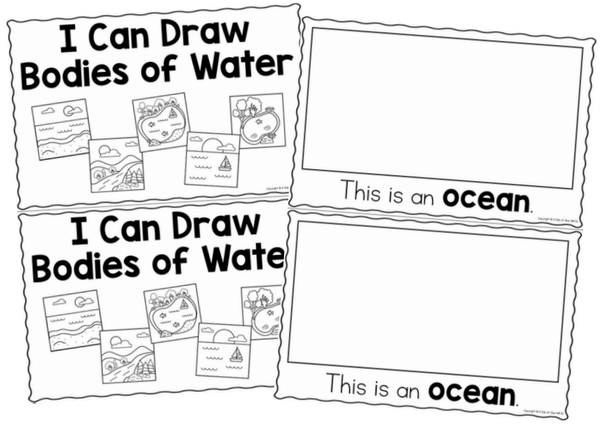
bodies of water flipbook



bodies of water minibook

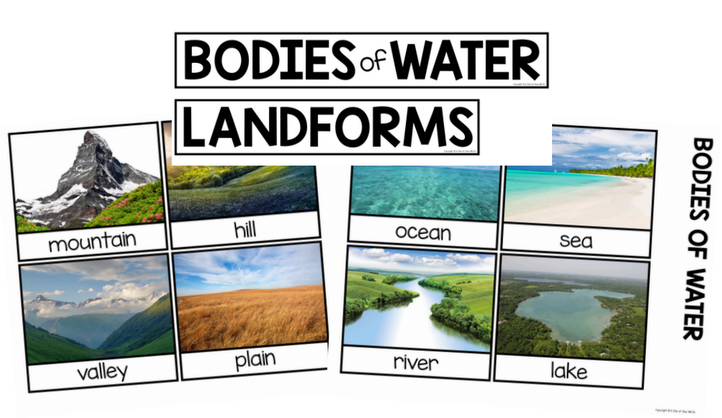


all about bodies of water book

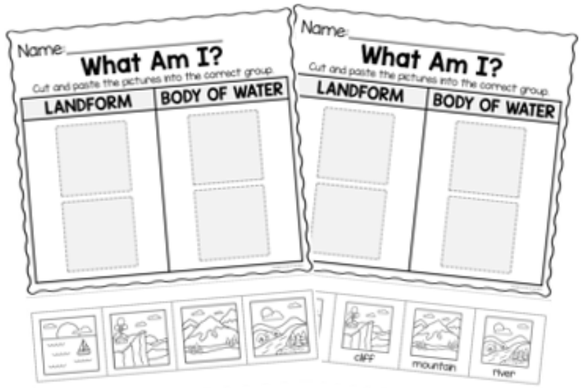


I can draw bodies of water

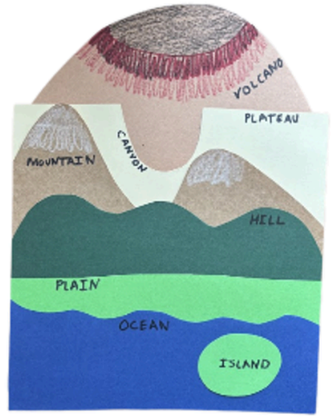
Take a Closer Look:



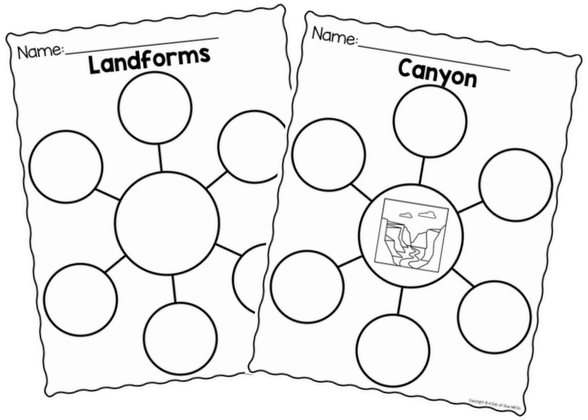
landform or water sort



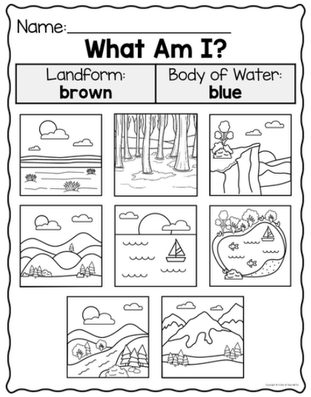
sort worksheet



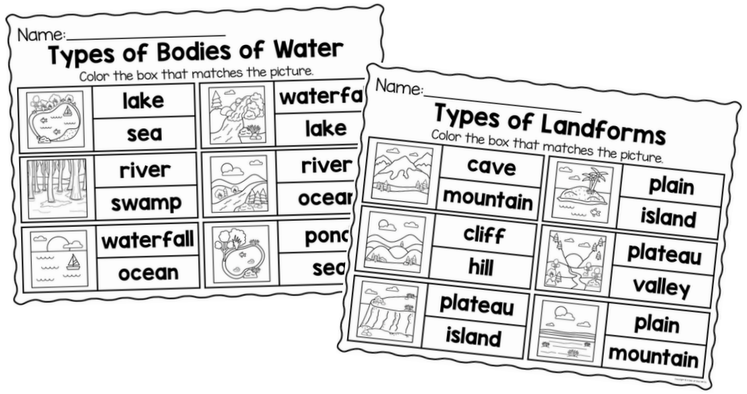
craft



circle maps

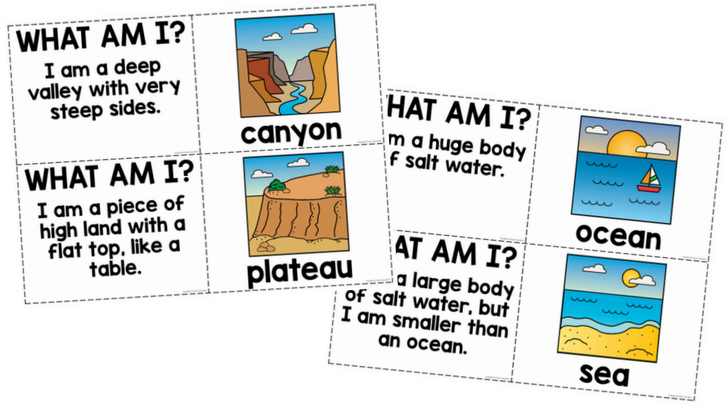


what am I worksheet

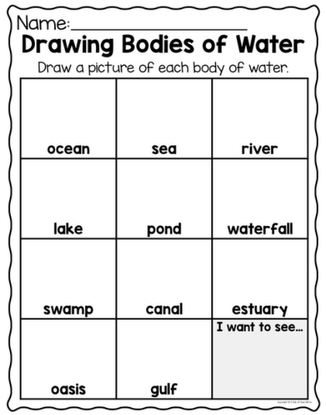


types of worksheets

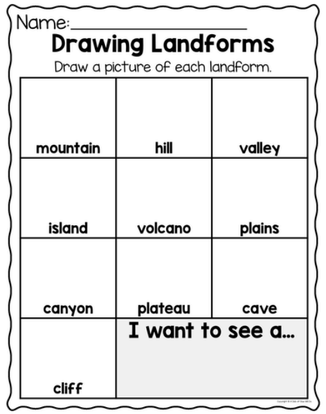
Take a Closer Look:



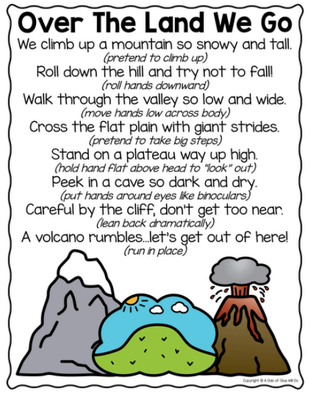
what am I cards



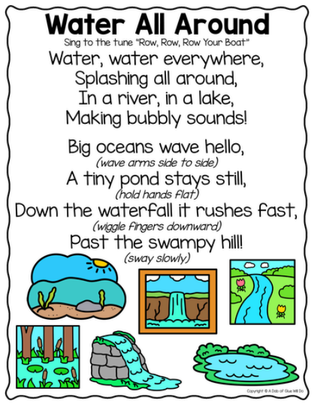
drawing landforms



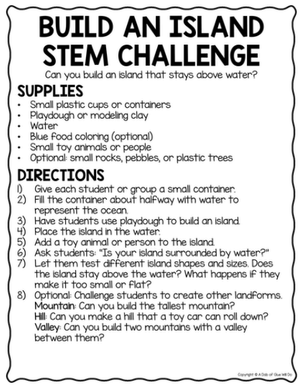
drawing bodies of water



landforms fingerplay

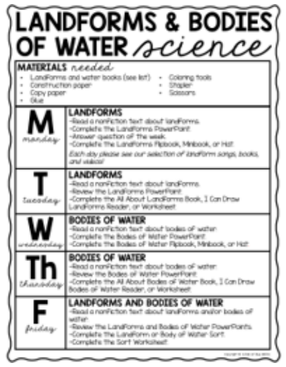


water fingerplay



STEM activity

Take a Closer Look:


LANDFORMS & BODIES OF WATER *science*

MATERIALS *needed*
- LandForms and water books (see list)
- Construction paper
- Copy paper
- Glue
- Coloring tools
- Stapler
- Scissors

M *monday*
LANDFORMS
- Read a nonfiction text about landForms.
- Complete the LandForms PowerPoint
- Answer question of the week.
- Complete the LandForms Flipbook, Minibook, or Hat

Each day please see our selection of landForm songs, books, and videos!

T *tuesday*
LANDFORMS
- Read a nonfiction text about landForms.
- Review the LandForms PowerPoint
- Complete the All About LandForms Book, I Can Draw LandForms Reader, or Worksheet

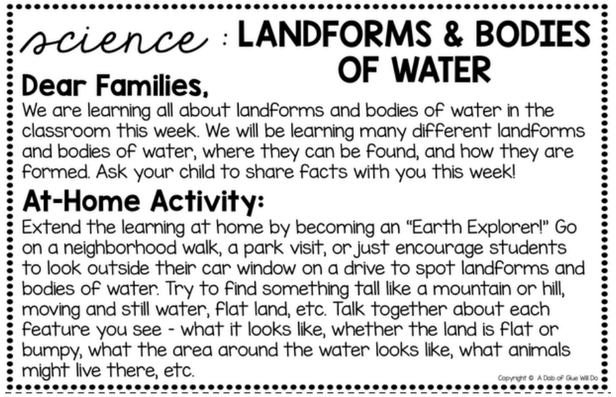
W *wednesday*
BODIES OF WATER
- Read a nonfiction text about bodies of water.
- Complete the Bodies of Water PowerPoint
- Complete the Bodies of Water Flipbook, Minibook, or Hat

Th *thursday*
BODIES OF WATER
- Read a nonfiction text about bodies of water.
- Review the Bodies of Water PowerPoint
- Complete the All About Bodies of Water Book, I Can Draw Bodies of Water Reader, or Worksheet

F *friday*
LANDFORMS AND BODIES OF WATER
- Read a nonfiction text about landForms and/or bodies of water.
- Review the LandForms and Bodies of Water PowerPoints.
- Complete the LandForm or Body of Water Sort
- Complete the Sort Worksheet

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lesson plans


science : LANDFORMS & BODIES OF WATER

Dear Families,

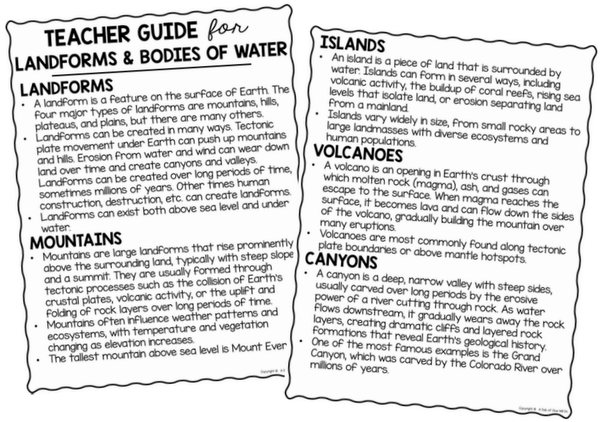
We are learning all about landforms and bodies of water in the classroom this week. We will be learning many different landforms and bodies of water, where they can be found, and how they are formed. Ask your child to share facts with you this week!

At-Home Activity:

Extend the learning at home by becoming an "Earth Explorer!" Go on a neighborhood walk, a park visit, or just encourage students to look outside their car window on a drive to spot landForms and bodies of water. Try to find something tall like a mountain or hill, moving and still water, flat land, etc. Talk together about each feature you see - what it looks like, whether the land is flat or bumpy, what the area around the water looks like, what animals might live there, etc.

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at-home letter


TEACHER GUIDE *for* LANDFORMS & BODIES OF WATER

LANDFORMS
- A landForm is a feature on the surface of Earth. The four major types of landForms are mountains, hills, plateaus, and plains, but there are many others.
- LandForms can be created in many ways. Tectonic plate movement under Earth can push up mountains and hills. Erosion from water and wind can wear down land over time and create canyons and valleys. LandForms can be created over long periods of time, sometimes millions of years. Other times human construction, destruction, etc. can create landForms.
- LandForms can exist both above sea level and under water.

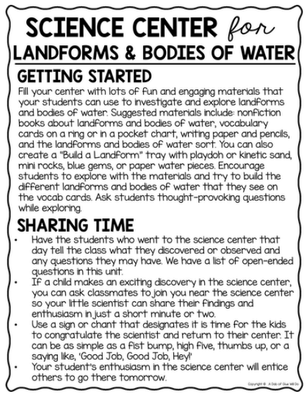
MOUNTAINS
- Mountains are large landForms that rise prominently above the surrounding land, typically with steep slope and a summit. They are usually formed through tectonic processes such as the collision of Earth's crustal plates, volcanic activity, or the uplift and Folding of rock layers over long periods of time.
- Mountains often influence weather patterns and ecosystems, with temperature and vegetation changing as elevation increases.
- The tallest mountain above sea level is Mount Ever

ISLANDS
- An island is a piece of land that is surrounded by water. Islands can form in several ways, including volcanic activity, the buildup of coral reefs, rising sea From a mainland.
- Islands vary widely in size, From small rocky areas to large landmasses with diverse ecosystems and human populations.

VOLCANOES
- A volcano is an opening in Earth's crust through which molten rock (magma), ash, and gases can escape to the surface. When magma reaches the surFace, it becomes lava and can flow down the sides of the volcano, gradually building the mountain over many eruptions.
- Volcanoes are most commonly found along tectonic plate boundaries or above mantle hotspots.

CANYONS
- A canyon is a deep, narrow valley with steep sides, usually carved over long periods by the erosive power of a river cutting through rock. As water flows downstream, it gradually wears away the rock layers, creating dramatic cliffs and layered rock formations that reveal Earth's geological history.
- One of the most famous examples is the Grand Canyon, which was carved by the Colorado River over millions of years.

teacher guide


SCIENCE CENTER *for* LANDFORMS & BODIES OF WATER

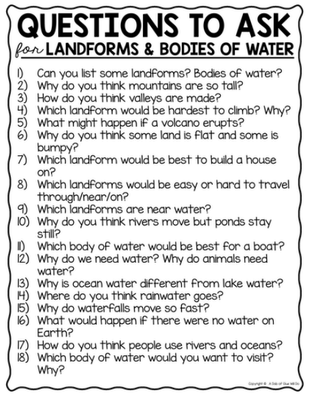
GETTING STARTED

Fill your center with lots of Fun and engaging materials that your students can use to investigate and explore landForms and bodies of water. Suggested materials include: nonFiction books about landForms and bodies of water, vocabulary cards on a ring or in a pocket chart, writing paper and pencils, and the landForms and bodies of water sort. You can also create a "Build a LandForm" tray with playdoh or kinetic sand, mini rocks, blue gems, or paper water pieces. Encourage students to explore with the materials and try to build the different landForms and bodies of water that they see on the vocab cards. Ask students thought-provoking questions while exploring.

SHARING TIME
- Have the students who went to the science center that day 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, 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.
- Use a sign or chant that designates it is time For the kids to congratulate the scientist and return to their center. It can be as simple as a fist bump, high five, thumbs up, or a saying like, "Good Job, Good Job, Hey!"
- Your student's enthusiasm in the science center will entice others to go there tomorrow.

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science center


QUESTIONS TO ASK *for* LANDFORMS & BODIES OF WATER

1) Can you list some landforms? Bodies of water?
2) Why do you think mountains are so tall?
3) How do you think valleys are made?
4) Which landForm would be hardest to climb? Why?
5) What might happen if a volcano erupts?
6) Why do you think some land is flat and some is bumpy?
7) Which landForm would be best to build a house on?
8) Which landForms would be easy or hard to travel through/near/on?
9) Which landForms are near water?
10) Why do you think rivers move but ponds stay still?
11) Which body of water would be best For a boat?
12) Why do we need water? Why do animals need water?
13) Why is ocean water different From lake water?
14) Where do you think rainwater goes?
15) Why do waterFalls move so Fast?
16) What would happen if there were no water on Earth?
17) How do you think people use rivers and oceans?
18) Which body of water would you want to visit? Why?

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science questions



resource lists

Take a Closer Look:



writing center



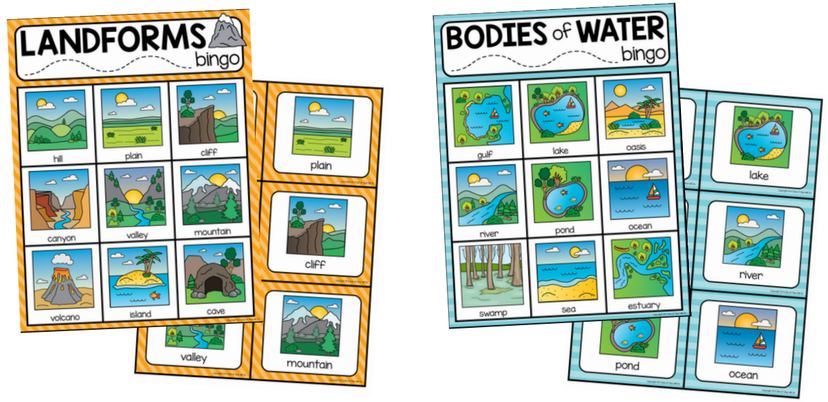
definition posters



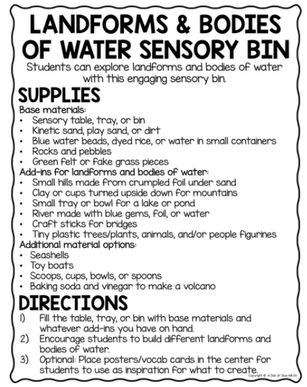
word wall



weekly question



landforms & water bingo



and so much more!

Why Teachers LOVE it:

OPTIONS

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

EASY TO USE

- Teacher Guide
- Lesson Plans
- Cross-curricular activities

ENGAGING

- Real Pictures
- Experiments
- Hands-on Activities



What Teachers Are Saying

★★★★★

"This was excellent for my students! It engaged students, was age-appropriate, and the activities were easy to prep!"

★★★★★

"This was just what I needed! My students were engaged the entire time and asked so many questions!"

★★★★★

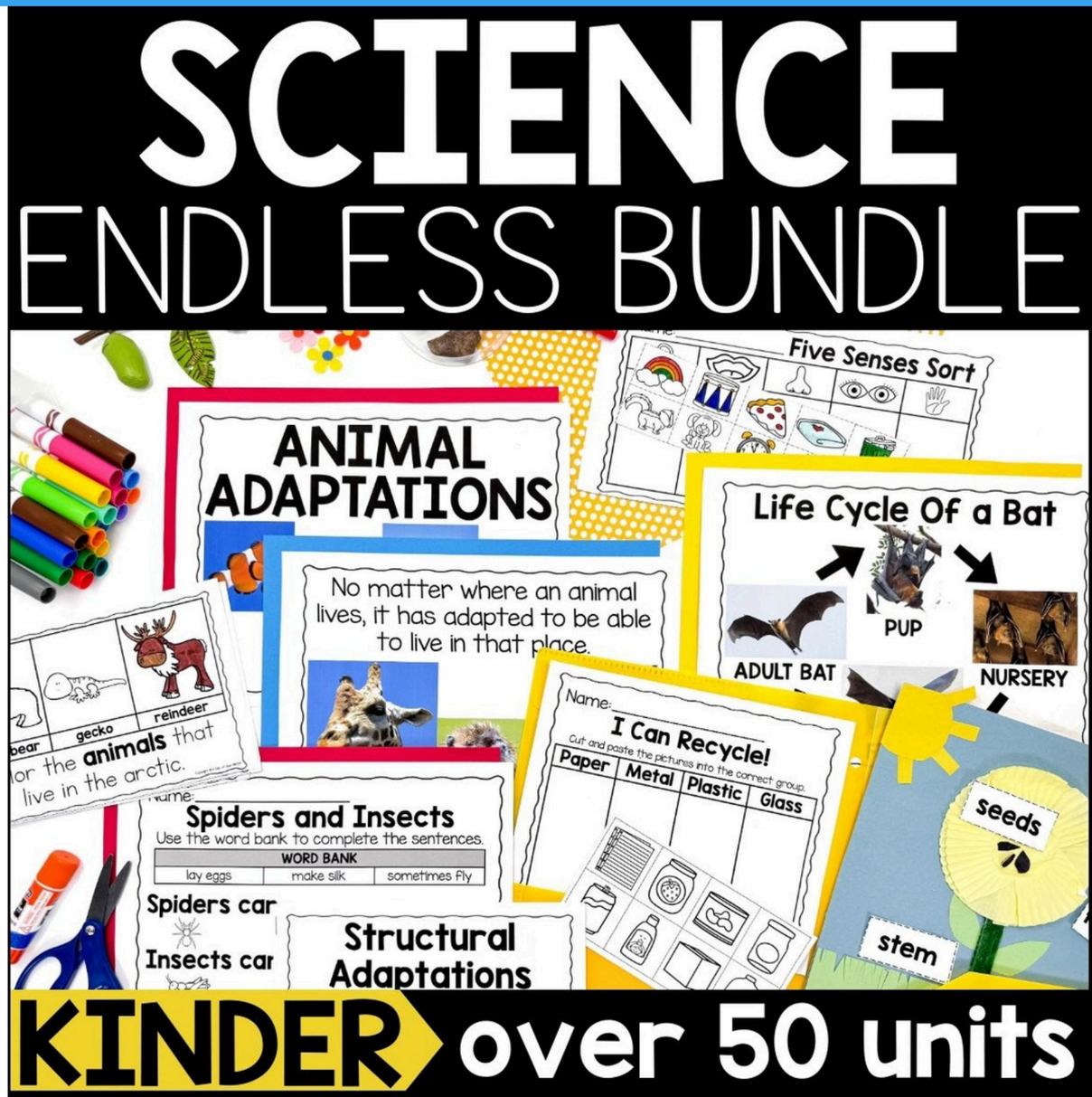
"I really love this resource. I have many of A Dab of Glue Will Do's science resources at this point and love every one of them."



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- Get over 50 units
- 12 months of science experiments

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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 Ist 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.

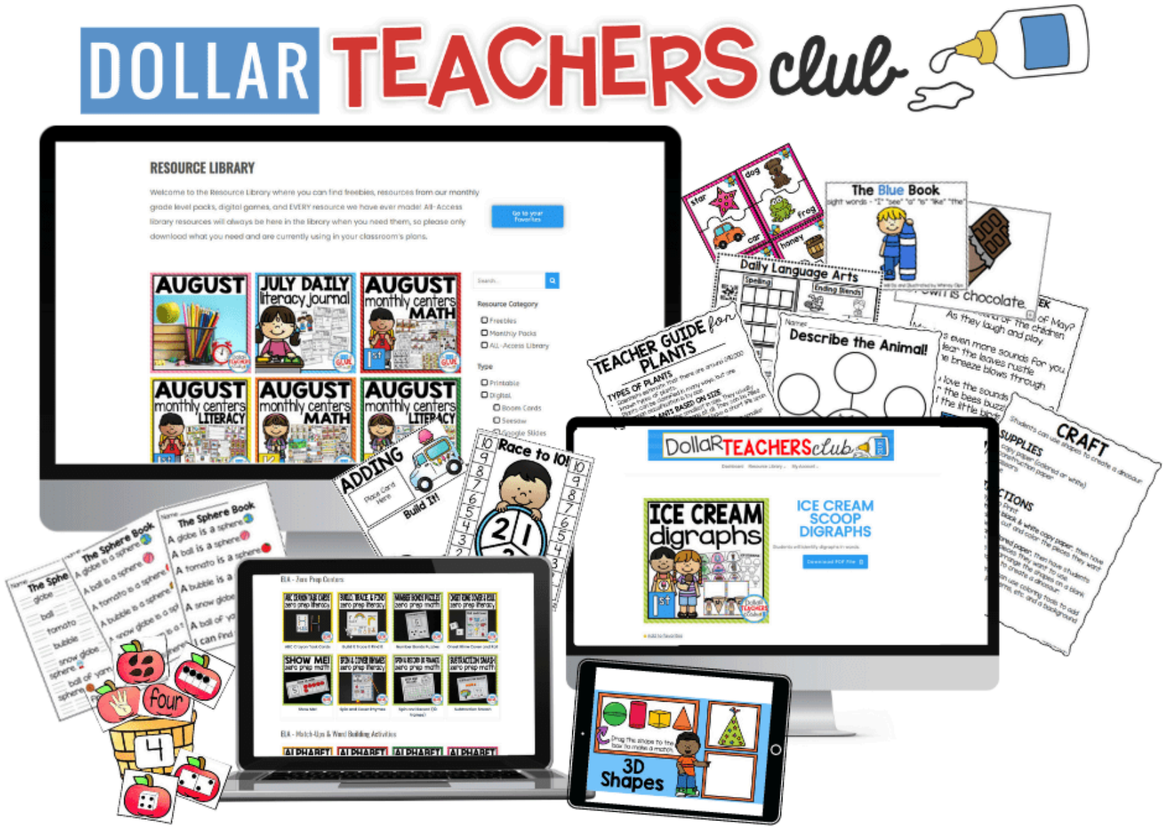
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