



# Here is what is included:

- ✔ Lesson plans for a week
  - ✔ PowerPoints and printable posters
  - ✔ Teacher resources to make instruction easier
  - ✔ Life cycle posters and hat
  - ✔ Sensory bin and STEM activities
  - ✔ Adorable crafts and writing center
  - ✔ Emergent readers
- ...and SO much more!

# Here is a Sneak Peak:



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

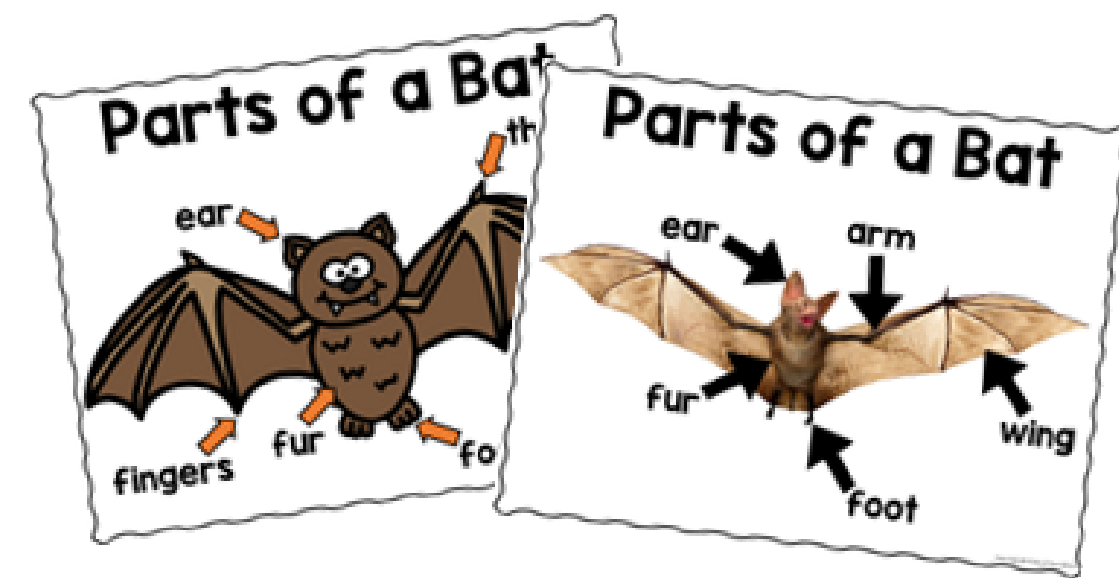
# Take a Closer Look:



bats powerpoint



facts emergent reader



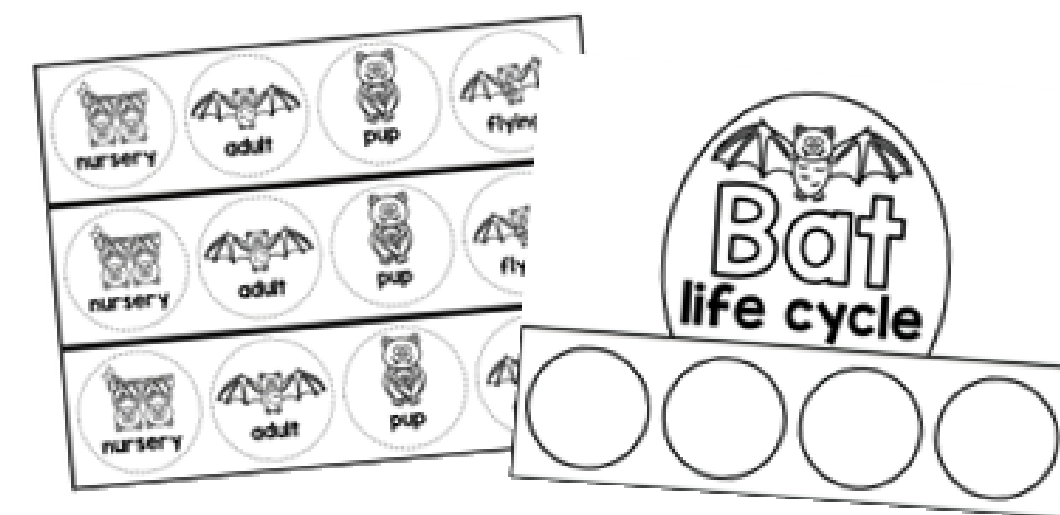
bat parts



parts worksheets




life cycle posters



life cycle hat

# Take a Closer Look:

**Flutter, Flutter Little Bat**  
Flutter, flutter little bat,  
How I wonder where you're at.  
Swooping through the darkest night-  
You find your way without a light.  
Flutter, flutter little bat,  
How I wonder where you're at!



fingerplay



TP tube bat craft

**FLYING BAT QUESTIONS**

1. What happens if you make a bigger bat vs. smaller? What about making a bat with a heavier material like felt vs. the paper?
2. What other materials do you wish we had to help make the bat fly?
3. What happens if you poke holes in the bat to string the ribbon or straw to?
4. What in this room could we attach the ribbon to in order to create a starting point for the bat to leave from?
5. Have you ever made something fly before?
6. What was the hardest part? The easiest part?

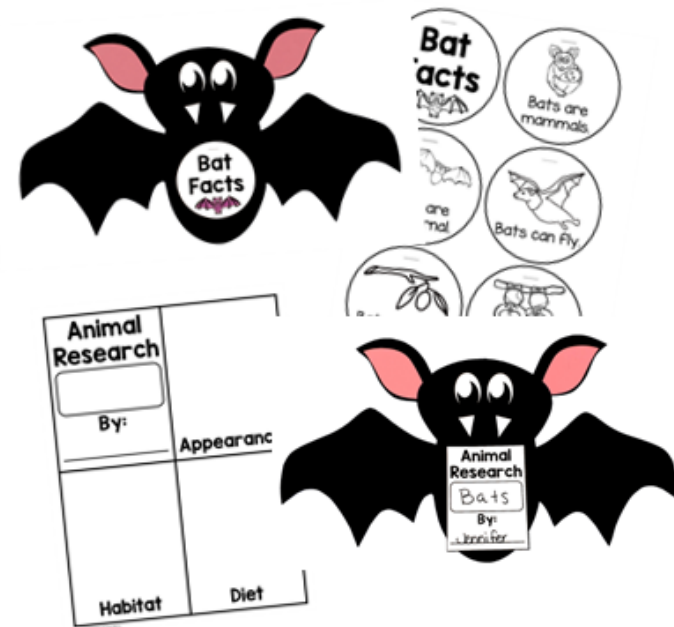
**FLYING BATS STEM**  
How can you make the bat fly?

**SUPPLIES:**

- Black Cardstock or Felt
- Straw
- Tape
- Scissors
- Ribbon

**DIRECTIONS:**  
Students can draw and cut out a bat or use a bat template to trace and cut out the bat on cardstock or felt. Provide students with the straws, tape, scissors, ribbon, and any other materials you have around. Challenge your students to find a way to make the bat fly using the available materials. The goal is to try to get the bat to travel from one place to another.

STEM activities



**Bat facts**

- Bats are mammals
- Bats can fly
- Bats are nocturnal
- Bats have wings
- Bats are the only mammals that can fly

**Animal Research**

|         |            |
|---------|------------|
| By:     | Appearance |
| Habitat | Diet       |

research craft



**Where is the Bat?**

The bat is in the cave.

The bat is under the tree.

The bat is under the branch.

The bat is next to the moon.

The bat is under the branch.

The bat is next to the moon.

emergent reader



**can**

**have**

**are**

Name: \_\_\_\_\_

**BATS**

|     |      |     |
|-----|------|-----|
| can | have | are |
|-----|------|-----|

can-have-are

# Take a Closer Look:



**BATS science**

**MATERIALS needed**

- Bats books (see list)
- Roller paper tube
- Construction paper
- Paint and paintbrush
- Scissors
- Glue
- Googly eyes
- Stickers
- Black Cardstock or Felt
- Straws
- Tape
- Ribbon/string

**BATS INTRODUCTION**

**M Monday**

- Read a nonfiction bats book
- Introduce bats by completing the Bat Facts PowerPoint
- Answer the question of the week: Would you like to be nocturnal?
- Read and complete the What Can a Bat Do Emergent Reader
- Each Day please see our selection of Turkey songs, books, and videos!

**T Tuesday**

**PARTS OF A BAT**

- Read a nonfiction bat book
- Using the terms of a bat poster, introduce the different parts that make up a bat
- Complete Parts of a Bat Worksheet

**W Wednesday**

**BAT LIFE CYCLE**

- Read a nonfiction bat book
- Introduce the Bat Life Cycle poster
- Make the Bat Life Cycle Hat

**Th Thursday**

**BAT FINGERPLAY AND CRAFT**

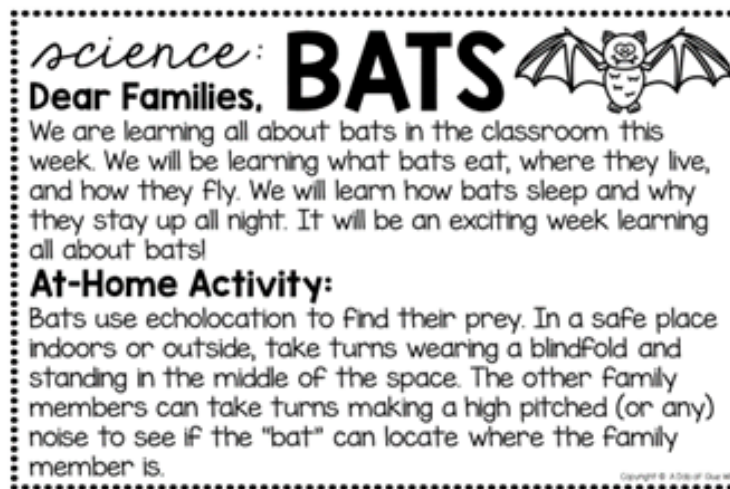
- Read a nonfiction bat book or listen to "Bats of the Beach"
- Sing the Fingerplay
- Complete the roller paper tube Bat Craft


**F Friday**

**BAT STEM CHALLENGE**

- Read a nonfiction bat book
- Review the Fingerplay
- Complete the Flying Bat STEM activity

lesson plans



*science:* **BATS** 

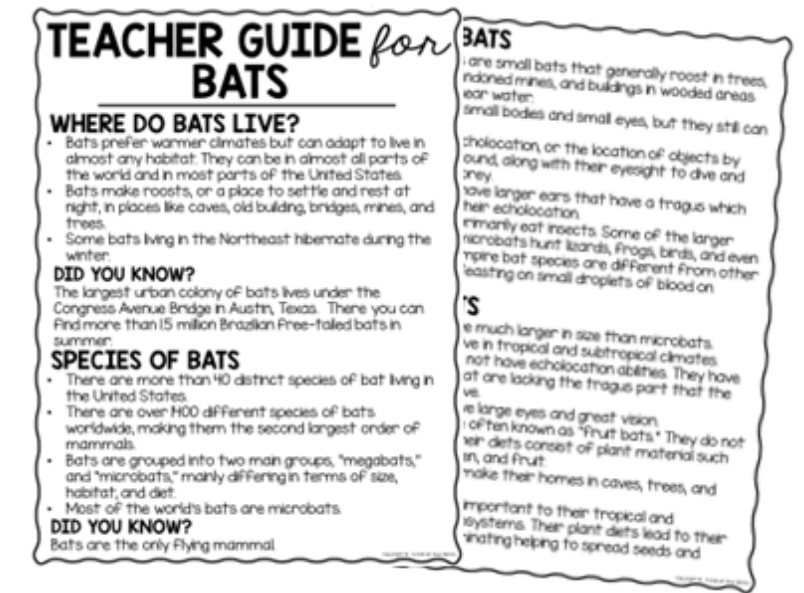
**Dear Families,**

We are learning all about bats in the classroom this week. We will be learning what bats eat, where they live, and how they fly. We will learn how bats sleep and why they stay up all night. It will be an exciting week learning all about bats!

**At-Home Activity:**

Bats use echolocation to find their prey. In a safe place indoors or outside, take turns wearing a blindfold and standing in the middle of the space. The other family members can take turns making a high pitched (or any) noise to see if the "bat" can locate where the family member is.

at-home letter



**TEACHER GUIDE for BATS**

**WHERE DO BATS LIVE?**

- Bats prefer warmer climates but can adapt to live in almost any habitat. They can be in almost all parts of the world and in most parts of the United States.
- Bats make roosts, or a place to settle and rest at night, in places like caves, old buildings, bridges, mines, and trees.
- Some bats living in the Northeast hibernate during the winter.

**DID YOU KNOW?**

The largest urban colony of bats lives under the Congress Avenue Bridge in Austin, Texas. There you can find more than 15 million Brazilian Free-tailed bats in summer.

**SPECIES OF BATS**

- There are more than 10 distinct species of bat living in the United States.
- There are over 100 different species of bats worldwide, making them the second largest order of mammals.
- Bats are grouped into two main groups, "megabats," and "microbats," mainly differing in terms of size, habitat, and diet.
- Most of the world's bats are microbats.

**DID YOU KNOW?**

Bats are the only flying mammal.

**BATS**

are small bats that generally roost in trees, abandoned mines, and buildings in wooded areas year-round. They have small bodies and small eyes, but they still can echolocate, or the location of objects by sound, along with their eyesight to dive and they have larger ears that have a tragus which helps echolocation. They are mostly eat insects. Some of the larger microbats hunt lizards, frogs, birds, and even other bat species are different from other eating on small droplets of blood on

**S**

are much larger in size than microbats. They live in tropical and subtropical climates. They do not have echolocation abilities. They have an ear that is lacking the tragus part that the microbat has. They have large eyes and great vision. They eat a variety of food items. They do not eat insects. They eat a variety of plant material such as fruit. They make their homes in caves, trees, and buildings. They are important to their tropical and subtropical systems. Their plant diets lead to their droppings helping to spread seeds and

teacher guide



**SCIENCE CENTER for BATS**

**GETTING STARTED**

Fill your center with lots of fun materials that your kids can use to investigate and explore bats. This could include plastic bats, vocabulary cards, life cycle posters, and non-fiction books about bats.

**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 lot 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.

science center



**QUESTIONS TO ask for BATS**

- A lot of people think about thinking about Halloween, what do you think that is?
- Why do you think some bats are down? Would you like to sit down?
- You can sometimes see bats at night. You can tell the fast their wings flap. How do you think they fly?
- Why do you think bats live in warmer places?
- Bats are awake at night being awake during the day. Bats are helpful because they eat insects, what other insects do you think they eat?
- Bats learn to fly at night. What do you think they do at night? How do you think they are just know how?

**SCIENCE talk**

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.

How was it different than \_\_\_\_\_?

How will you know if \_\_\_\_\_?

Do you think you could \_\_\_\_\_?

How did you decide \_\_\_\_\_?

Can you tell me about that?

How does that work?

Can you draw me a picture of your findings?

What will happen if \_\_\_\_\_?

What do you think is most important?

What happened when \_\_\_\_\_?

What would you change if \_\_\_\_\_?

How is this similar to something else you know?

Can you think of another way \_\_\_\_\_?

Create a new solution.

How would you handle this problem/challenge/question?

science questions



**BAT BOOKS**

To help with the planning of your Bat Unit, we have curated a list of our favorite bat BOOKS.

Click anywhere on the page taken to our Amazon Favorites.

**BAT VIDEOS**

To assist with the planning of your Bat Unit, we have curated a list of our favorite bat VIDEOS.

**BAT SONGS**

To help with the planning of your Bats Unit, we have curated a list of our favorite bat SONGS.

**OUR CASTLE WAS COLD**

**Batty Bat**

**Bat Song!**

**Bat Rhymes, Bat Animal Rhymes**

**5 Little Bats Lyric Video**

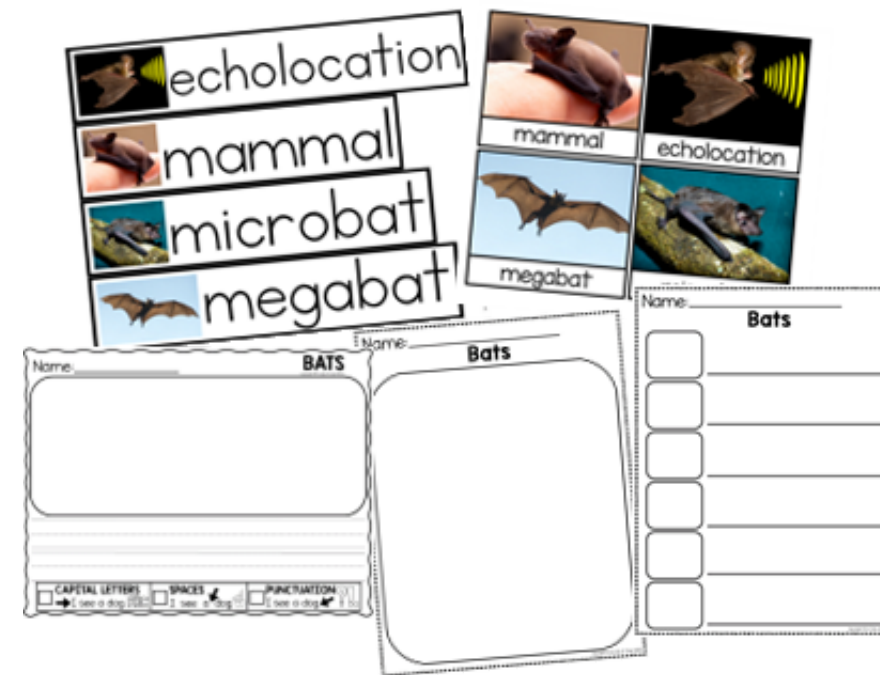
**The Bat Song**

resource lists

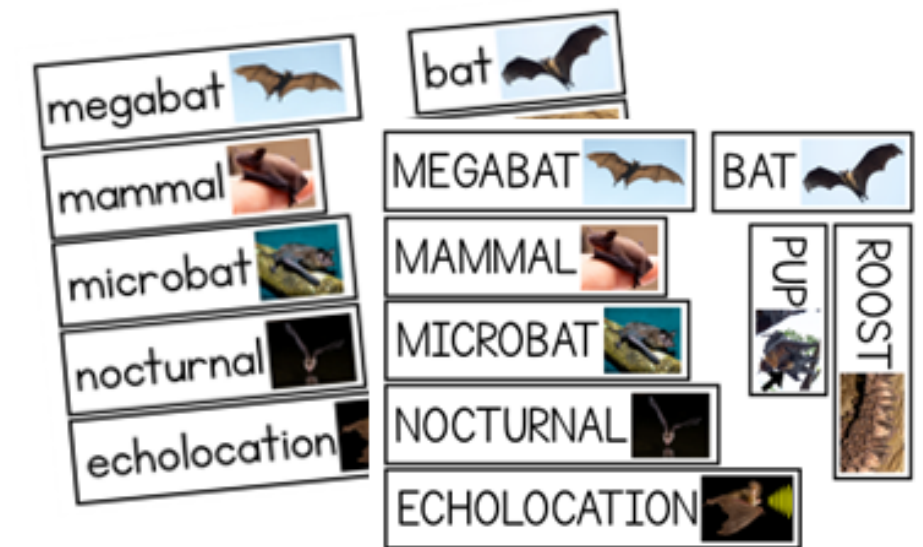
# Take a Closer Look:



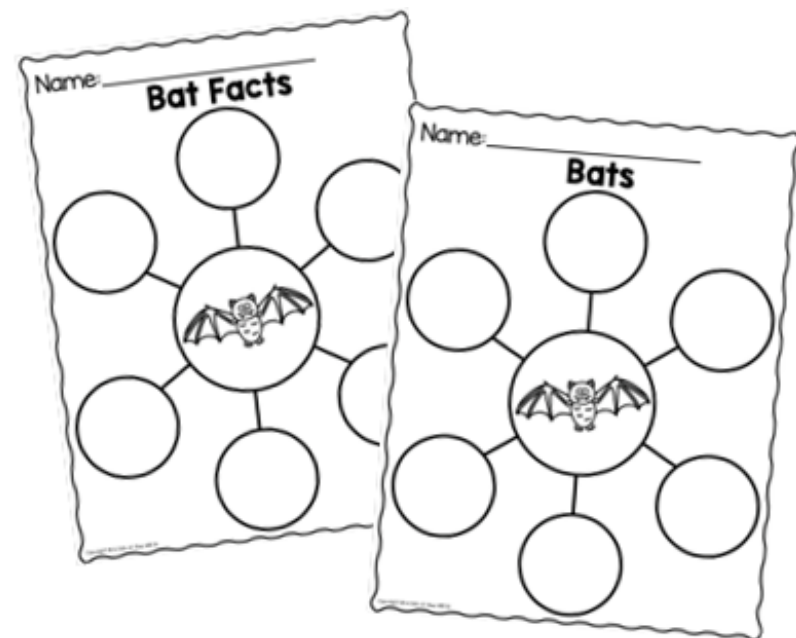
definition posters



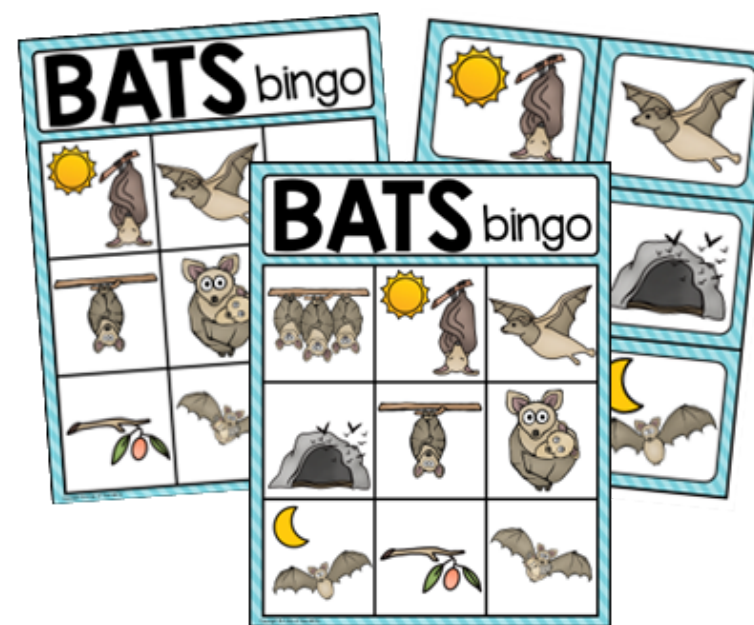
writing center



word wall



bubble maps



bingo game

**BAT SENSORY BIN**

Sensory tubs are a great way to provide your students with opportunities to explore sights, sounds, smells and textures to promote imaginary play and language development.

**SUPPLIES:**

- Dried chickpeas
- Black liquid watercolors
- Bowtie pasta
- Craft gems
- Yellow glitter craft foam

**DIRECTIONS:**

- 1) Dye all the sensory materials (chickpeas and pasta) by placing them in a large Ziploc with a few drops of the liquid watercolor. Shake until completely coated.
- 2) Spread them out on a pan or piece of paper to dry in a single layer.
- 3) While the chickpeas and pasta are drying, cut the yellow foam into a moon shape. Make stars out of the same material or use the gems for added sparkle!
- 4) Once everything is dry, it is time to put the bin together. Pour the chickpeas into the bin and add the moon and stars to create a night-sky affect.
- 5) Finally, add your pasta bats in the "sky" and set out any sensory tools you want to make available.

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
- ✓ Fun Crafts
- ✓ Hands-on Activities



# What Teachers Are Saying



“This resource was perfect for my PreK class. Simple facts and they loved the pictures! I like that it includes photographs and clip art.”



“I love everything that is included in this resource. It was extremely helpful in planning our bat unit!”



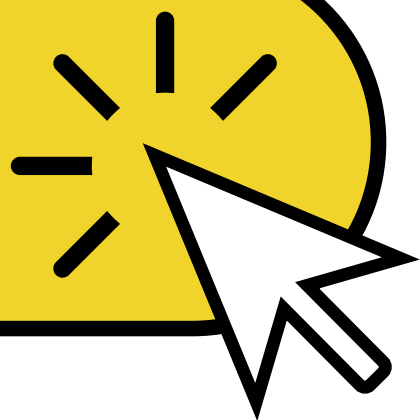
“Great unit! I love that it contains SO MUCH information! VERY MUCH worth the cost! Her specific units are becoming one of my favorites!”



# Buy the bundle and SAVE!

- ✔ Save \$194
- ✔ Get over 40 units
- ✔ Mix of life, physical, and earth science

**CLICK HERE**



## 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.

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**DOLLAR TEACHERS** club 



# Let's Connect!



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