

# COLOURS

## A SCIENCE UNIT

Teach your young learners all about colors & rainbows!



*scroll*  
to take a  
peek  
inside

**KINDER** 33 activities

# Here is what is included:

- ✔ Week-long lesson plans
- ✔ PowerPoints and printable posters
- ✔ Teacher resources to make instruction easier
- ✔ Hands-on, engaging science experiments
- ✔ Color mixing lessons and activities
- ✔ Rainbow craftivity and color word practice
- ✔ Sorts, worksheets, and emergent readers

...and SO much more!

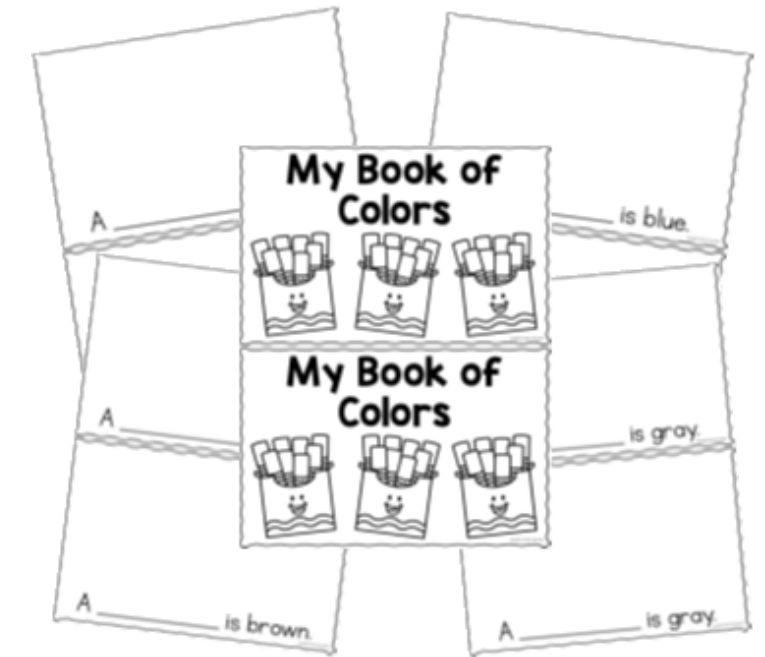
# Take a Closer Look:



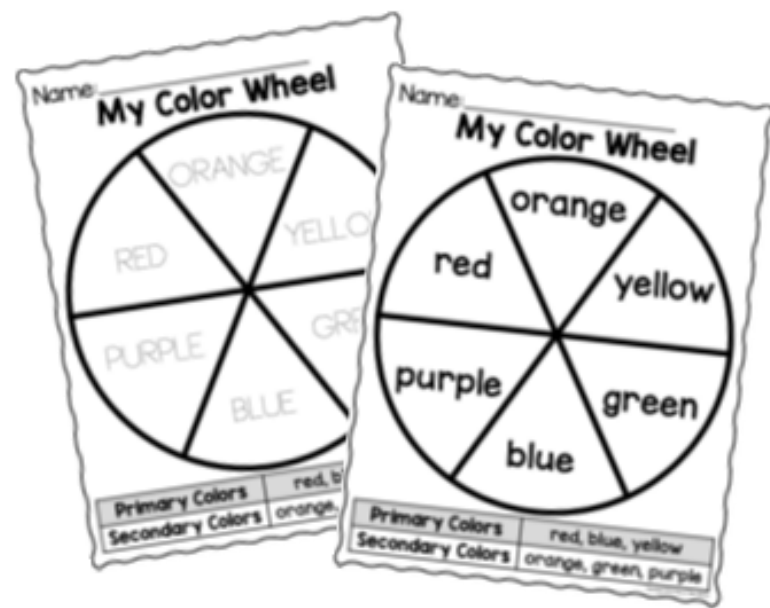
colors powerpoint



color sort



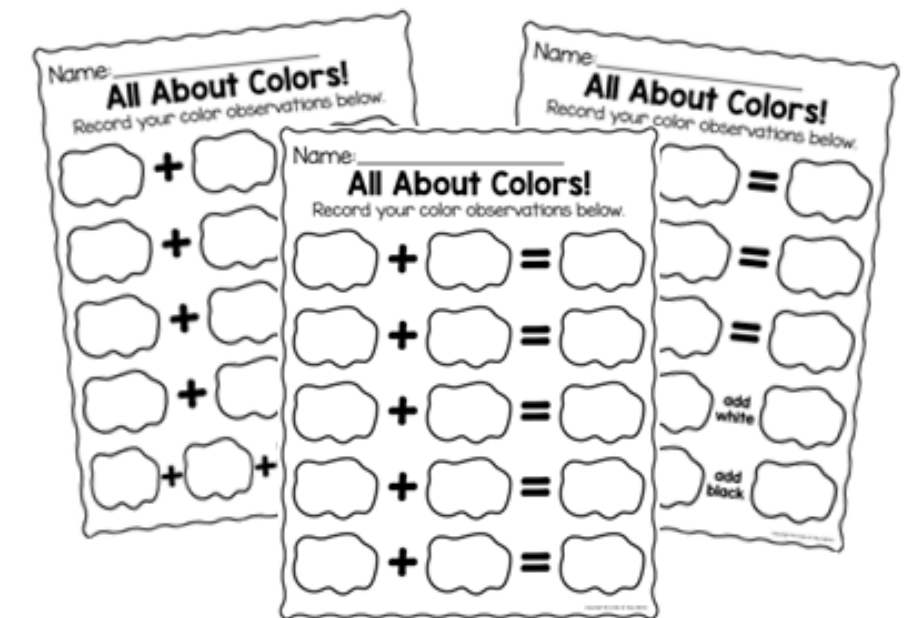
my book of colors



color wheel activity



color mixing powerpoint



mixing investigation

# Take a Closer Look:



rainbow powerpoint



rainbow craft



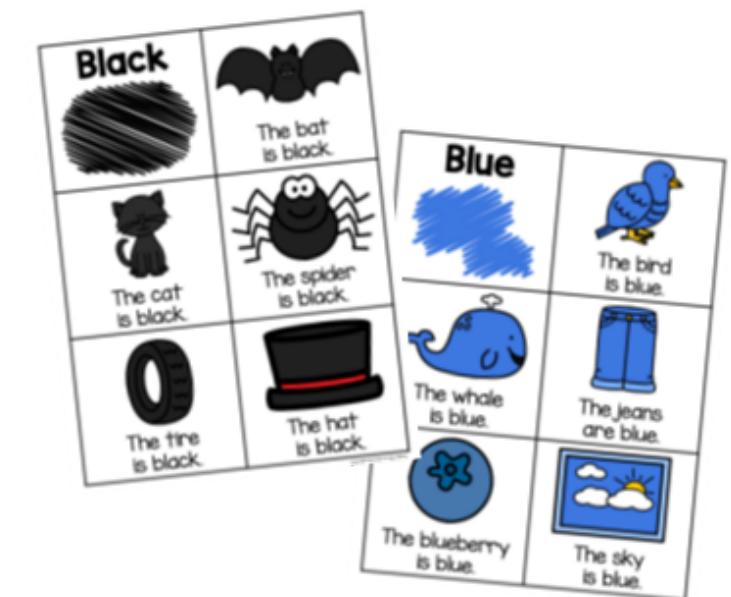
can I be worksheets



color flip books

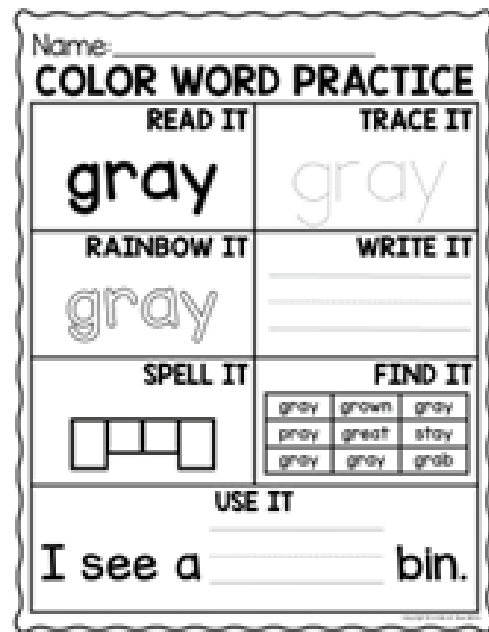


baking soda experiment



mini flip books

# Take a Closer Look:



color word review



I know my colors reader



I see colors reader



rainbow experiment



water experiment



ice experiment

# Take a Closer Look:



**COLORS science**

**MATERIALS needed**

- Color books (see list)
- Construction paper
- Copy paper
- Glue
- Paint
- Colored objects
- Food coloring
- Yarn
- Stapler
- Baking tools
- Meager
- Q-tips

**M Monday**

**COLORS INTRODUCTION**

- Read a book about colors.
- Introduce colors by completing the Colors PowerPoint.
- Answer the question of the week.
- Complete the color sort as a class.
- Complete My Book of Colors reader.
- Each day please see our selection of color songs, books, and videos!

**T Tuesday**

**COLOR MIXING**

- Read a book about colors.
- Introduce color mixing by completing the Mixing Colors PowerPoint.
- Complete the color wheel sort activity.

**W Wednesday**

**COLOR MIXING**

- Review the Mixing Colors PowerPoint.
- Read the book "House Paint".
- Complete the Color Mixing Investigation activity.

**Th Thursday**

**COLOR MIXING**

- Read a book about colors or color mixing.
- Review the Mixing Colors PowerPoint.
- Complete the Baking Soda Experiment.
- Complete one of the experiment recording sheets.

**F Friday**

**RAINBOWS**

- Read a nonfiction book about rainbows.
- Complete Rainbow PowerPoint.
- Complete Rainbow Craftivity.

color word practice



*science:* **COLORS**

**Dear Families,**

We are learning all about colors and rainbows in the classroom this week. We will be identifying colors, mixing colors, and learning all about rainbows. Ask your child to share some color facts with you this week!

**At-Home Activity:**

You can learn about colors and rainbows at home too! Go on a color hunt. Using colored paper or just color words written on paper as headers, have your child collect things around the house and sort them by color. Go on a walk and play "I spy," noticing all the different colors in your neighborhood. Look for a rainbow outside (after or while it's raining) or try to see rainbows when using the hose or sprinkler.

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at-home letter



**TEACHER GUIDE for COLORS & RAINBOWS**

**COLORS**

- Colors are created when different types of light bounce off objects. We need light in order to see color.
- Light travels in waves. Some have long wavelengths, and some have short. Each color is associated with a range of wavelengths. All the wavelengths travel together as white light.
- Colors are important to people and animals that can perceive them. Not all organisms have eyes that can perceive color.
- Color can help people know when food is ready to eat (ripe fruit/vegetables) and when food or water is spoiled, rotten, or dirty.
- Colors can show animals what prey to eat that eat. A lot of creatures that are poisonous are brightly colored. Bright-colored flowers attract insects that then pollinate the plants and help the environment.
- Colors can make people feel certain things. Some people feel that red represents more angry or harsh emotions, whereas blue may make someone feel calm.
- Besides feelings, colors can also represent things to people. Many people may say that red can represent love, while others feel that red more often represents a warning or "stop."
- Research has shown that colors can even help lower a person's blood pressure, influence mood, affect appetite, and boost creativity.

**5 COLORS & COLOR THEORY**

Try it a set of rules that help people understand how colors work together: a color wheel to make it easy to identify types of colors: tertiary, secondary, and primary colors. Focusing with children, we focus on primary and secondary colors.

Primary colors are colors that cannot be created by mixing other colors. They are red, blue, and yellow.

Secondary colors are created by mixing equal parts of primary colors. Orange, purple, and green are secondary colors.

Tertiary colors are created by mixing equal parts of a primary color and one secondary color. Examples include blue-green (turquoise) and blue-violet.

**COLOR**

Color is the retina at the back of the eye, it's millions of light-sensitive cells. These cells are rods and cones.

When light enters the eye, the rods and cones send signals through the optic nerve. The brain interprets these signals to create a mental image of color. Some animals, like dogs and cats, can see only a limited range of colors. Other animals, like bees, can see colors that humans cannot see. Some animals, like birds, can see colors that humans cannot see. This does not mean that a color is "better" than another, but instead that certain colors are more important to that person.

teacher guide



**SCIENCE CENTER for COLORS**

**GETTING STARTED**

Fill your center with fun materials that your students can use to investigate and explore colors and rainbows. Suggested materials to include different color toys, manipulatives, pom poms, and buttons, color sorting mats, flashlights, and prism/CDs. You could also include the cellophane paddles, the pipette activity materials, and/or paint/watercolors for students to practice color mixing with. Make sure to include color word vocab cards and nonfiction texts about colors and rainbows!

**SHARING TIME**

- Students who went to the science center that day can 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.

science center



**QUESTIONS TO ASK for COLOR**

- How many colors can you name?
- What colors do you see around you now?
- What do colors help us with?
- What color is your favorite? Why?
- How do certain colors make you feel?
- What do you think the world would be like if there weren't any colors?
- If you could control the color of everything, what would you change?
- Why do you think a stoplight is red to say "stop" and green to say "go"?
- What do you think animals see? How do colors help them?

**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



**COLOR BOOKS**

To help with the planning of your Colors and Rainbows Unit, we have curated a list of our favorite color BOOKS.

Click a picture to be taken to the book on Amazon.

**RAINBOW VIDEOS**

To help with the planning of your Colors and Rainbows Unit, we have curated a list of our favorite rainbow VIDEOS!

**COLOR SONGS**

To help with the planning of your Colors and Rainbows Unit, we have curated a list of our favorite color songs!

**RAINBOW BOOKS**

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resource lists

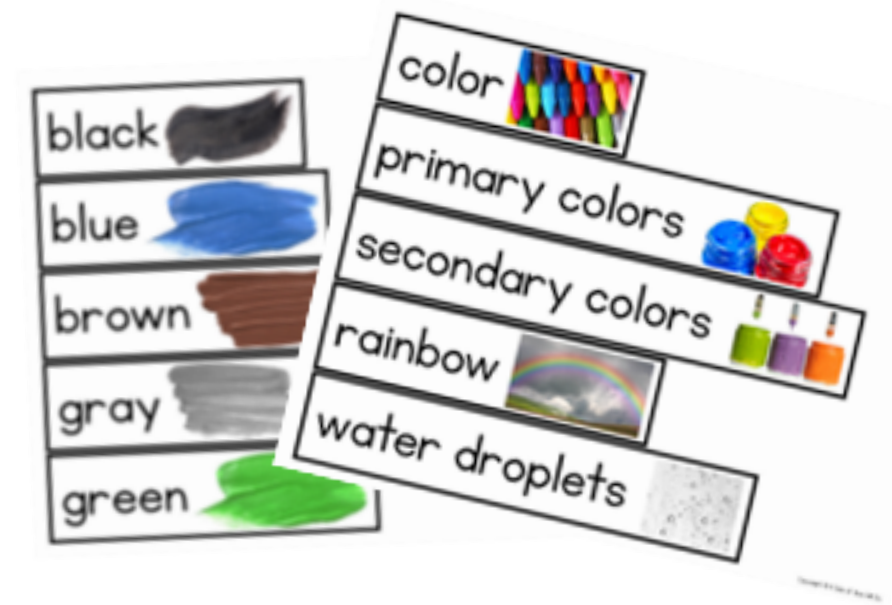
# Take a Closer Look:



definition posters



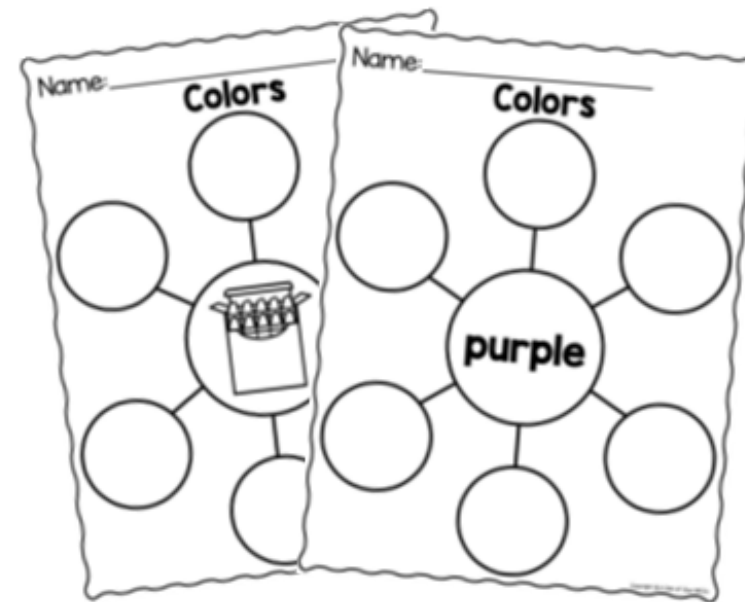
writing center



word wall



STEM activities

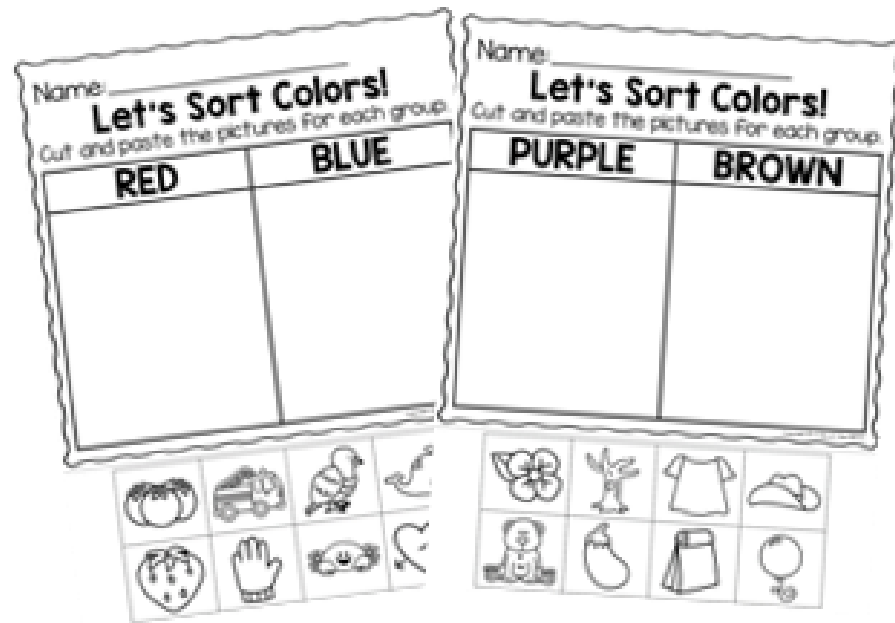


circle maps



bingo game

# Take a Closer Look:



colors sorts



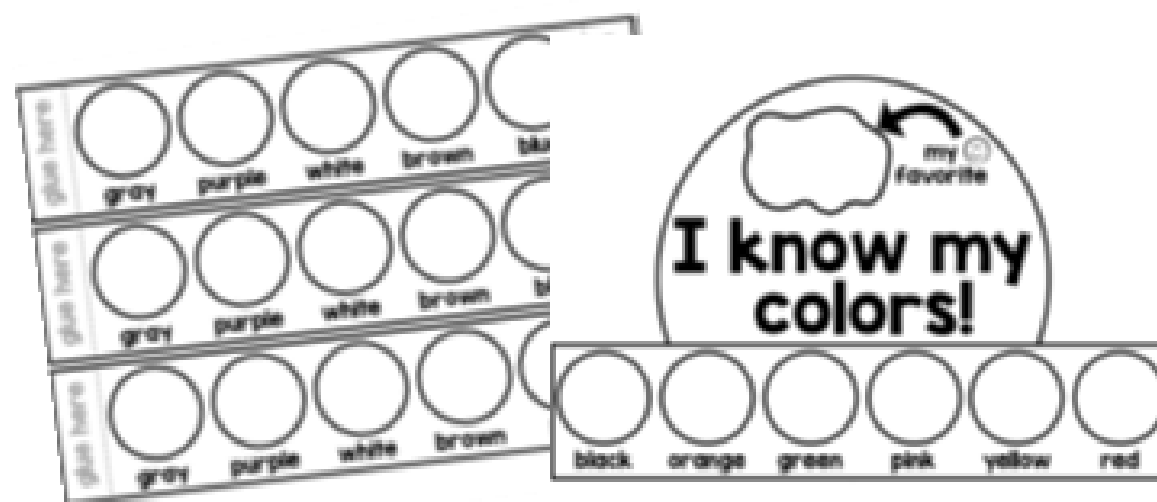
sensory bin ideas



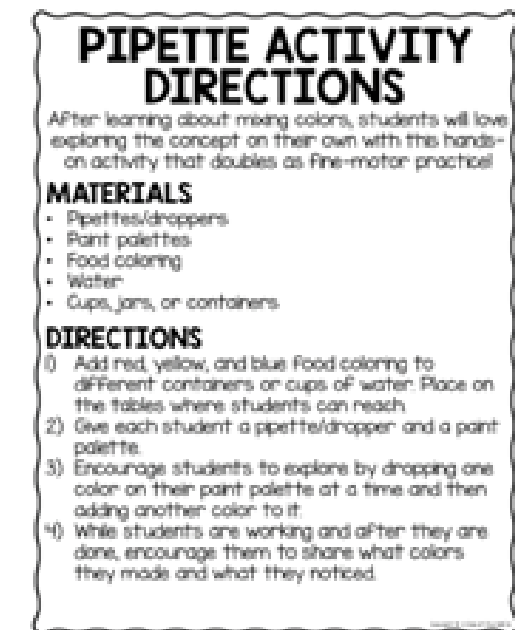
colors worksheet



cellophane activity



I know my colors hat



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



“Amazing unit! I love all your science packs – they contain everything I need for a week of learning and fun with my kinders!” -Anna O.



“I found this resource highly engaging. My students enjoyed the activities and experiments. I highly recommend this seller!” -BetsyAnne



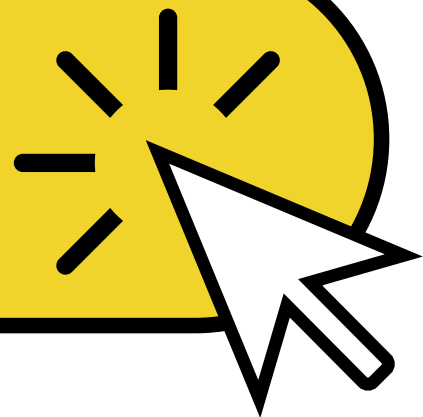
“Great value! This is packed with hands-on experiments, colorful bulletin board quality info sheets and posters... Love it!” -Debra C.



# Buy the bundle and SAVE!

- ✔ Save \$320
- ✔ Get over 50 units
- ✔ 12 months of science experiments

**CLICK HERE**



# SCIENCE ENDLESS BUNDLE



**KINDER** over 50 units

# 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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**DOLLAR TEACHERS** club 



# Let's Connect!



Did you know we send out freebies and teacher tips every Sunday? Want to be the first to know when we have a new product, sale, or special event?

Click the button below to join our community.

