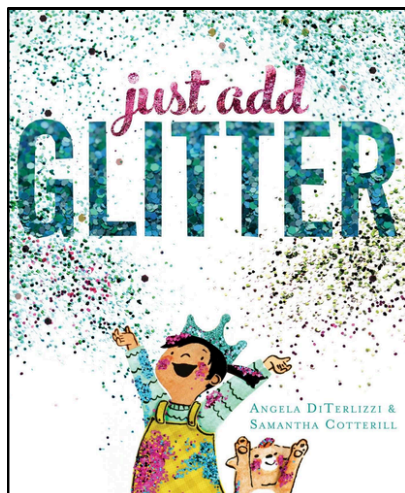


STEAM IMAGINATION GUIDES

Nebraska Extension Early Childhood

Just Add Glitter by Angela Diterlizzi



CONVERSATION STARTERS

- Do you like glitter?
 - Why or why not?
- How do you think glitter is made?
- How do you think glitter makes things look?
- What happens when the girl in the story adds glitter to things?
- How do you feel when you see glitter? Does it make you happy or excited?
- In the story, glitter makes things sparkle. Can you think of something in your house that could sparkle with glitter?

STEAM CONNECTION

PRESCHOOL: GLITTER FIREWORKS

ELG Standard S.02: Develops foundational skills in learning and understanding about the world through exploration and investigation

Supplies:

- Baking soda
- Vinegar
- Container (9"x13" baking dish)
- Food coloring
- Glitter
- Small cups or droppers



Discovery Methods:

Do a fun experiment that looks like fireworks! Start by asking children what they know about fireworks and show a video or pictures. Next, create a layer of baking soda at the bottom of the container and add a few drops of food coloring. Then, sprinkle glitter to make it sparkle like fireworks in the sky! Let children take turns adding the baking soda, food coloring, and glitter.

Once everything is ready, ask the children what they think will happen before adding the vinegar, write down their predictions. Using a small cup or dropper, slowly add some vinegar and observe. As the vinegar hits the baking soda, observe the fizzing and bubbling as the glitter moves around, creating a sparkling “firework” effect! After, ask the children, “What do you think will happen if we add more baking soda?” This is a fun way to explore chemical reactions.

How is this STEAM?

This experiment helps children develop foundational skills in understanding the world through exploration and observation.

NATURE

PRESCHOOL: NATURE MAGIC WAND

ELG Standard CA.02: Develops foundational skills that support expression through the process, production, and appreciation of visual art forms.

Children can make their own magical nature wands! First, take a nature walk to collect sticks. Once you're back inside, glue the star shapes from cardboard to the top of each stick. Then, gather leaves, petals, and other nature elements. The children will tear them into smaller pieces. With a paintbrush, they'll apply glue to their cardboard star and stick on the leaves and petals to decorate their wand. To make it more magical, add some glitter! Once complete, children can use their wands for imaginative play, casting spells, and creating adventures!



How is this STEAM?

Children develop their creativity when designing their wand using glitter and natural materials. Using the wand in the dramatic area promotes narrative art by telling a story or role-playing.

CREATIVE ARTS

PRESCHOOL: GLITTER PAINT

ELG Standard CA.02: Develops foundational skills that support expression through the process, production, and appreciation of visual art forms.



Painting with glitter and watercolor paint is a fun and engaging activity! First, squeeze some clear glue into containers, one for each color you want to use. Ask the children what they think will happen when the glitter and liquid watercolor paint is added. Then, mix the glitter and a few drops of watercolor paint into each container. Let the children dip their brushes into the sparkling paint and create glittery masterpieces on paper. As they are painting, narrate what they are doing or ask them questions about their art. It's a great way to mix art, color, and a little science!

How is this STEAM?

This activity allows children to engage in the process and reach an outcome by exploring how different materials mix together.



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