

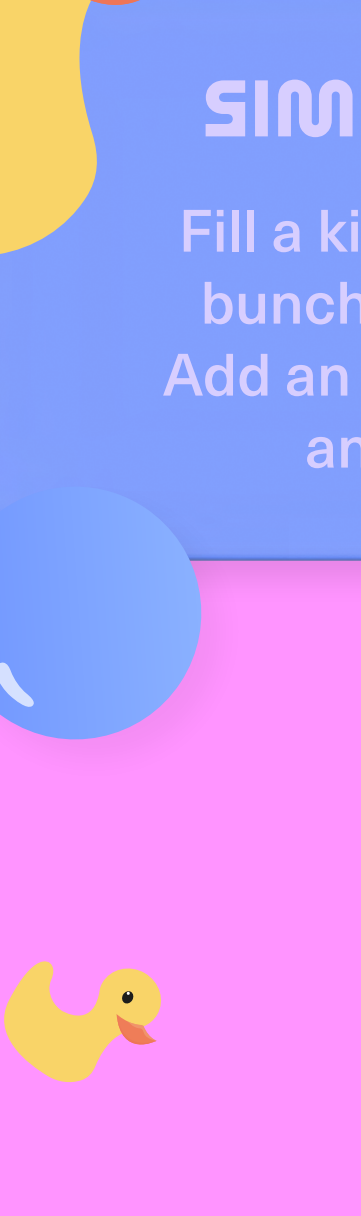
WATER PLAY STEM Activities for Toddlers

[Safety first. Parents please, be sure to keep your eyes on your child with all water activities.]

1

Duck, Duck, Not a Duck!

Your little water warrior will enjoy splashing in the pool with all her duck friends. Turn the fun into an animal classification game by tossing a bunch of other rubber animals into the water. Give hints about an animal, and have your little wonder splash around to find the animal that you are talking about. Keep the learning going by sharing five fun facts about each animal.



Fun Fact! Peacocks are birds, but unlike ducks and geese, peacocks can't swim. Did you know that kangaroos can swim? Your budding veterinarian can learn more cool facts about peacocks and other animals from Vera the Vet!

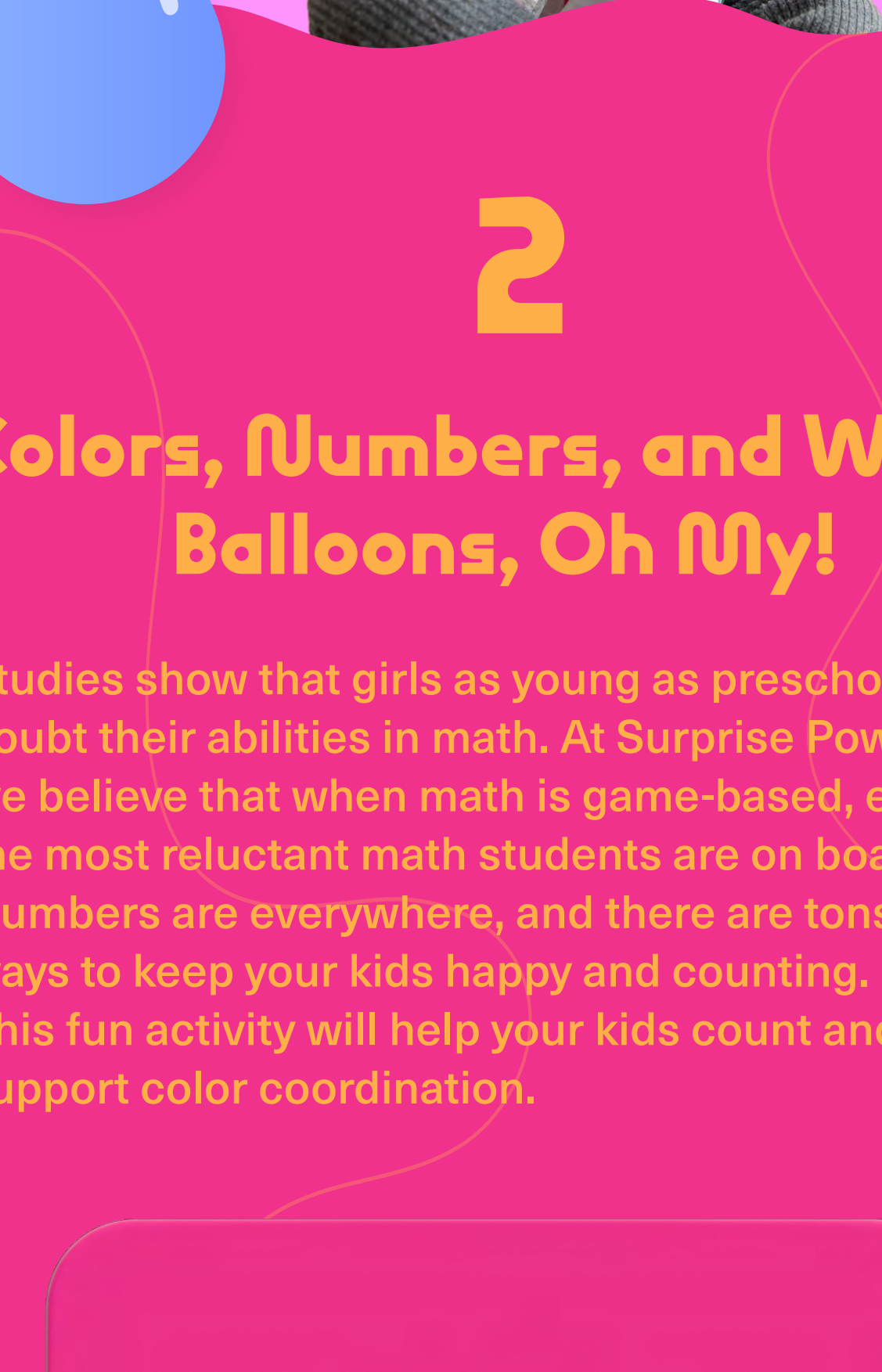
WHAT YOU WILL NEED:

1. One kiddie pool
2. Water (to fill pool)
3. Rubber ducks
4. One to ten assorted rubber animals



SIMPLE INSTRUCTIONS

Fill a kiddie pool with water. Dump a bunch of rubber ducks in the pool. Add an assortment of colorful rubber animals. Let the fun begin.



2

Colors, Numbers, and Water Balloons, Oh My!

Studies show that girls as young as preschool age doubt their abilities in math. At Surprise Powerz, we believe that when math is game-based, even the most reluctant math students are on board. Numbers are everywhere, and there are tons of ways to keep your kids happy and counting. This fun activity will help your kids count and will support color coordination.

WHAT YOU WILL NEED:

1. Water balloons
2. Water hose or water faucet
3. Thing to toss the balloons in

SIMPLE INSTRUCTIONS

Create a fun scoreboard with the below scoring system. Find a pail, box, or something your little counter can put the balloons in. They can count as they go.

- Green balloons = 1 point
- Blue balloons = 2 points
- Red balloons = 3 points
- Orange balloons = 4 points



Your little mathematician can learn more fun math activities from scavenger hunts to magic shows with her new friend, Maria the Mathemagician, who knows how to make math magical.

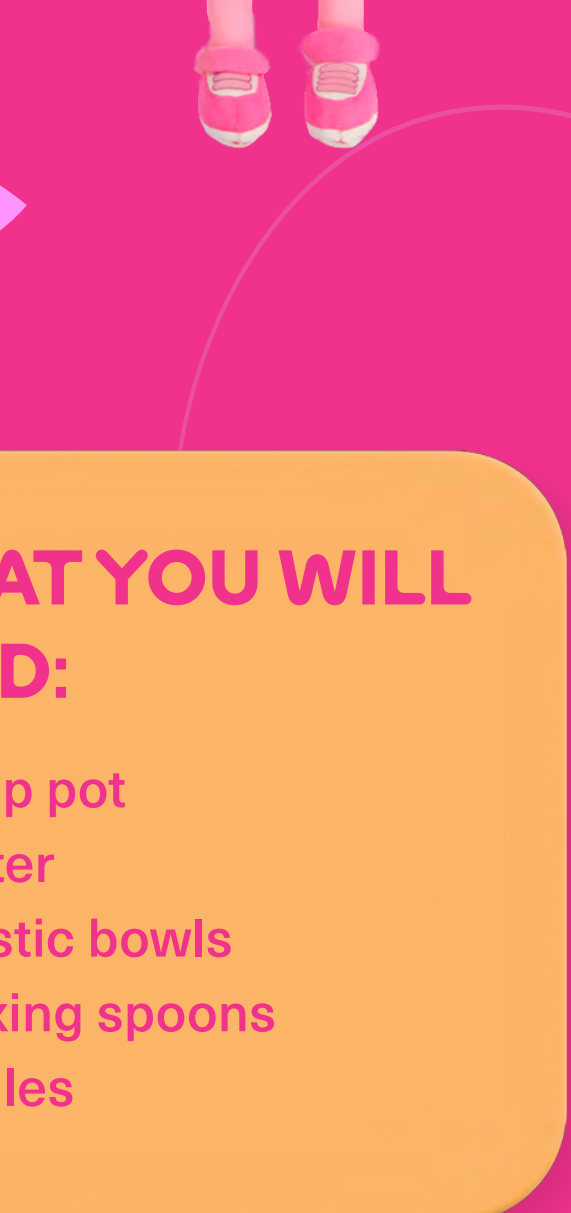
3

Water Transfer

Give your little kiddo a large pail. Have them predict how many cups of water it will take to fill the pail. Give them a variety of colorful plastic cups, and have your little squirt fill the pail to the top. Don't forget to count as you go. How close was their prediction?

Explain that math is not just about adding or subtracting numbers. It is also about making predictions.

Splashing is encouraged!



WHAT YOU WILL NEED:

1. Water
2. Pail
3. Lots of colorful plastic cups



4

Nature Soup

This activity begins with a backyard hunt for objects to go into the soup pot - twigs, worms, leaves, grass, flowers, weeds, and bugs. Have your little wonder collect all these objects. Then let the fun begin.

Add water to a pot or a large plastic bowl. Add ingredients, and mix with a ladle. Who wants soup? All that mixing and measuring is a great way to flex those math muscles.



5

Water Balloon Tennis

Make a bunch of water balloons. Then challenge your kiddos to play water balloon tennis using tennis racquets or plastic baseball bats. Get the whole family in the game on a hot summer day at the park.

This play is great for small and large motor skills and will get your little one thinking about science as they study the water balloons in motion. Smash those water balloons to enjoy cool, refreshing relief on a hot day.



WHAT YOU WILL NEED:

1. Lots of water balloons
2. Tennis racquets or plastic bats

SIMPLE INSTRUCTIONS

Split into teams of two. Give an equal number of water balloons to each team. One team can throw a balloon to the other team to try their best to hit it. If the balloon doesn't burst, then it can be thrown back to the original team to try.

