

# [15 Rainbow Science Activities for Toddlers and Preschoolers](#)

Exploring the rainbow is our favorite way to expose young children to colors and color mixing. I've share how we've made [rainbows on bubble wrap](#) and [sorted rainbow colors in the sensory bin](#). But what about science? How can you wonder what happens while working with ROYGBIV? I'm thrilled to have found **15 rainbow science activities for toddlers and preschoolers**.

Hands-on science that get young children excited about what will happen next!

**Pouring, mixing, fizzing, squishing** ... ingredients that make early learning fun!



*This post contains affiliate links for your convenience.*

Some of these activities are more suitable for preschoolers than toddlers. Close supervision is required.

## **15 Rainbow Science Activities for Toddlers and Preschoolers**

[Skittles Rainbow Science](#): What happens when you add skittles to water? (Fantastic Fun and Learning)

[Scented Rainbow Science](#): What happens when you add vinegar to frozen baking soda? (Fun-a-Day)

[Marshmallow Color Change Experiment](#): What happens to water after colored marshmallows are dissolved in it? (Fantastic Fun and Learning)

[Colorful Water Beads Experiment](#): What happens when you hydrate colorful water beads? (Little Bins)

[Sparkly Fizzing Rainbow](#): What happens when you add glitter to baking soda and vinegar? (Preschool Powol Packets)

[Color Changing Flowers](#): What happens when you place white flowers in colored water? (Laughing Kids Learn)

[Rainbow Paper Color Science](#): What happens when you dip black paper into clear nail polish and water? (The Science Kiddo)

[Make Your Own Rainbow](#): What happens when you take everyday items and shine light on them? (Lemon Lime Adventures)

[Rainbow Salt Discovery Jars](#): What happens when you color salt using chalk and add it to a jar? (Preschool Toolbox)

[Exploring Prisms](#): What happens as the light from the sun passes through the prism? (Buggy and Buddy)

[Rainbow Ice and Salt Experiment](#): What happens when you color a block of ice and then add salt? (Powerful Mothering)

[Rainbow Density Jar](#): What happens when layer liquid mixtures that have different densities? (Schooling a Monkey)

[Traveling Colors](#): What happens when you add the colors from the rainbow onto salt and glue? (You Clever Monkey)

[Rainbow Water Xylophone](#): What happens when you fill jars with colored water, each at a different level? (Mama Papa Bubba)

[Rainbow Clean Mud](#): What happens when you add toilet paper to soap flakes and colored water? (Simple Fun for Kids)



## More science ideas:



