PURDUE UNIVERSITY | Center for Early Learning

# Home-Based Slime Lab

If you liked our Slime Scientist station at Spring Fest, here are some tips to try it on your own!

Slime recipe: https://www.iheartnaptime.net/homemade-slime/

Biodegradeable slime: https://www.thegoodtrade.com/features/homemade-slime/

## Making Observations

With your hands and your eyes (and a magnifying glass if you have one!), what does the slime look like? "How does it feel?" "What does it remind you of?" Using their senses and talking about what they notice helps young children learn to make observations about the world around them.

You can also try mixing in items like sand or rice to see how it changes the texture.

## Making Predictions

As you are making slime, you can ask your child to predict what they think will happen: "What color do you think it will be if we add both blue and yellow dye?" "When we add the contact solution, do you think it will get thicker or more runny?

Ask your child, "why do you think that?" to encourage them to think through their answers. Making predictions and testing them to see what happens is a big part of scientific processes!

## Taking Measurements

You can talk about different measurement units (cups, ounces, tablespoons) while making slime. "Why do we need to measure?" "What would happen if we didn't?" if you have extra supplies you could even see what happens if you don't measure!

Measuring also brings opportunities for math- how much of each ingredient would you need to you were making enough slime for two friends or three friends?

### Not a fan of slime?

You can make observations and predictions, and use measurement in lots of every day activities: block play, gardening, cooking, bath time, and many more!

We'd love to hear your ideas for what we should include in future resources!
Tell us here: cel@purdue.edu
Learn more about the Center for Early Learning on our website.