

# UNICORN STORIES AND SCIENCE

## AGES

Children 4+ years

## PROGRAM DESCRIPTION

Read unicorn stories, sing unicorn songs, and make unicorn crafts! Three unicorn crafts are described below: Liquid rainbows, unicorn slime, and unicorn horns. The crafts can be run concurrently as three separate stations or run consecutively for small groups.

## MATERIALS AND PREPARATION

### Station 1: Rainbow in a Bottle

You will need:

- Jars and bottles (plastic or glass, one for each child)
- Clear container (jar or bottle)
- Graduated measuring cup with lip
- Spoon
- Food coloring (red, blue, green)
- Blue dish soap
- Cooking oil
- Rubbing alcohol
- Light corn syrup

Remove labels from the clear containers. Place all materials on a work table. Make a sample rainbow before the program. Steps (do each pour VERY SLOWLY to avoid mixing):

1. Pour 1/2 cup of corn syrup into measuring cup. Add 1 drop of red food coloring and 1 drop of blue food coloring. Mix with spoon. Pour into container.
2. Pour 1/2 cup of blue dish soap into measuring cup. Pour the blue dish soap down the side of the container.
3. Pour 1/2 cup of water into measuring cup. Add 2 drops of green food coloring and mix with spoon. Pour the green water down the side of the container.
4. Pour 1/2 cup of yellow oil into measuring cup. Pour it down the side of the container.

## TIP:

For older children, elaborate on STEM connections. Talk about viscosity and density, and ask children to predict which liquids will rise/fall. You could also discuss color theory and which secondary colors are created when primary colors are mixed.

## TIP:

For science connections, talk about how narwhals are real animals, a type of whale with a long spirally tusk. Share some narwhal facts (see Resources).

**CRAFT | GAME/ACTIVITY**

5. Pour 1/2 cup of rubbing alcohol into measuring cup. Add 2 drops of red food coloring and mix with spoon. Pour the mixture down the side of the container.

**Station 2: Unicorn Slime**

You will need:

- 5 oz bottles of glue (glitter/pastels)
- 1/2 cup of liquid starch for each 5-oz bottle of glue
- Mixing bowls and spoons

To make unicorn slime, you will need a 5 oz bottle of glue for every 1/2 cup of liquid starch. Mix 1/2 cup of liquid starch with the glue and stir until blended, adding more starch if needed. Make three separate batches of different colors and then twist them together for “magical” unicorn slime.

**Station 3: Unicorn Horn**

You will need:

- Colored constructed paper
- Ribbons, glitter, rhinestones, buttons, etc.
- Glue
- String

Cut out templates for the unicorn horns. During the program, each child tapes their construction paper cone together and decorates it as desired. Punch holes on opposite sides of the rim, and add string or elastic for neck straps.

**SPACE**

Large meeting room  
Work tables and chairs

**PERSONNEL**

One staff member or volunteer for each station

**RESOURCES****Web**

Rainbow in a bottle  
<https://bit.ly/2SXaf7T>

Viscosity lesson for kids  
<https://bit.ly/2XXKx6C>