

**Girl Scouts North Carolina Coastal Pines** invites girls, families, and volunteers to stay involved while at home. We know that today's girl is ready to pivot on a moment's notice and is willing to embrace new ways to explore Girl Scouting. That's why we're promoting these options for engaging with us while you're at home today ... or any day!

**STEM** encourages Girl Scouts to look at the world around them with inquisitive eyes, experiment, push boundaries and learn as they go! Each Friday check out our activities, stories, and videos aimed at helping girls become better problem-solvers, critical thinkers, and inspirational leaders. Join the conversation online. **#OurGSNCCPCommunity**



### Calling all Home Scientists!

There are so many ways to explore the world around us, even while we're hanging out at home. This week's activities will help you learn about density, color mixing and capillary action (sounds fancy, huh?). These activities complete some requirements of the Brownie Home Scientist badge—if you would like to earn the Home Scientist badge, be sure to check out the rest of the requirements on the Volunteer Toolkit or in a guide from our council shops.

#### Walking Water Rainbow

This at-home experiment uses:

- Cups
- Paper towels (you can substitute napkins, paper, or even white scrap cloth depending on what you have available)
- Food coloring
- Water

Explore how primary colors combine to create a full rainbow and learn how liquid travels through tiny spaces in material without the help of gravity (that's called capillary action).

#### Density Column

This at experiment uses the following materials (but you don't need to have all of the liquids listed in order to complete the experiment successfully):

- Honey
- Corn syrup / pancake syrup
- Liquid dishwashing soap
- Water (can be colored with food coloring)
- Vegetable oil
- Rubbing alcohol (can be colored with food coloring)
- Lamp oil

Discover the concept of density—not all substances have the same characteristics!

Need a copy of a Journey, badge requirements or want to order patches? While our shops are closed, please feel free to [shop online](#) or [email](#) us for merchandise needs. We will provide free shipping within in our council footprint on orders emailed to us (please provide phone number in email so we can call you for payment details).