

Seasonal STEAM Activities

Spring 2019 Edition



Build a Leprechaun Trap! Get creative with household materials (cereal boxes, toy bricks, etc.) to devise a cunning trap, able to capture even the most mischievous of leprechauns. Lure leprechauns into your trap with **gold**, **candy**, and other leprechaun favorites! There are endless design opportunities here - *we can't wait to see what you come up with!*

Walk on Eggs! In this daring activity, your full weight will be supported **entirely by eggs**. Have a friend help you step on, and make sure you place your feet **flat** to evenly distribute your weight. **Egg-ceptional!** **To avoid food wastage, ask your grocery store for 2 dozen eggs past their sell-by date*



Arrange Colorful Flowers! Let's learn about chromatography in a blooming fun way! Simply draw colorful circular patterns with felt-tip markers near the center of a coffee filter (don't forget to leave some space!), then fold the filter into a cone-shape and insert it into a cup of water. Now, sit back and watch the **chromatography magic!** Once dry, trim the white edges, and use tape to secure a pipe cleaner stem to the flower. Create a few just like this and you'll have a beautiful bouquet of flowers to gift to your loved ones!

Foaming Easter Eggs! This fizzing acid-base reaction is bound to get the curious scientists in your life excited for Spring. Using simple household items (vinegar, baking soda, food coloring and dish soap), you can create colorful foaming Easter eggs to delight parents and children alike. As an added element of surprise, incorporate small toys that will **hatch** out of your foaming eggs!



Image 1: <http://www.ourthriftyideas.com/2014/02/top-leprechaun-trap-ideas.html>

Image 2: <https://www.kixcereal.com/kix-cereal-box-leprechaun-trap/>

Image 3: <http://ablondedeand3boys.blogspot.com/2011/03/leprechaun-trap.html>

Image 4: <https://www.stevespanglerscience.com/lab/experiments/walking-on-eggshells/>

Image 5: <https://buggyandbuddy.com/spring-science-activity-for-kids-chromatography-flowers/>

Image 6,7: <https://www.funathomewithkids.com/2014/03/magic-easter-eggs-two-ways-hatching-and.html>