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EDUCATION PROGRAMS

# STEM FALL BUCKET LIST

Do you love pumpkins, nature and making fun-filled memories? This bucket list of STEM activities will help you embrace the season in a new and epic way!



## Visit your LOCAL LIBRARY

Explore your local library on a chilly day and pick STEM books to read this fall. Which three books are your favorites?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_



## Start a FALL-THEMED JOURNAL

With all the fun memories you make this season, you'll love having something to look back on. Write entries in a journal to describe spooky spiders, pumpkin experiments and more.



## Enjoy the crisp air on a NATURE WALK

As you set out on a stroll, use your senses and make a list of scientific observations. Illustrate your favorite sighting in your journal.



## Create a LEAF LAB

Did you know a chemical reaction transforms trees every autumn? Jump into joy this fall by playing in a pile of vibrant yellow, orange, red and multicolor leaves. Notice the variety of colors in your neighborhood and create your own leaf lab for further research.



## Build a DIY BIRD FEEDER

Design an eco-friendly bird feeder and see who comes to visit! There are a few ways to use recyclable materials to construct a one-of-a-kind feeder that birds will love.

- String several pine cones together, dip them in melted peanut butter and roll in birdseed.
- Add grapes and cereal on a string and hang them in a great observation spot.



## Carve a PUMPKIN

Embrace your inner engineer and carve a pumpkin to perfection. From a spooky face to a mini carriage, there are endless possibilities to let your creativity shine. With adult supervision, you can use traditional tools from a kit or safely scrape your pumpkin for a carved effect with melon scoopers! Consider hollowing your pumpkin before designing your own whimsical scene in a pumpkin diorama.



## Have a COZY MOVIE NIGHT

Curl up with your favorite snacks and fuzzy blankets for a fall movie night. You can build a living room fort or recreate a drive-in movie theater. You also can explore inventors behind cinema!



## Go APPLE PICKING

Gather a variety of apples and notice the differences in size, color, texture and taste. For added sweetness, dip your apples in honey or experiment with the chemistry of caramel.



## Research nocturnal animals UNDER A FULL MOON

Learn all about local nocturnal critters and discover how moths, bats and owls are vital to the ecosystem.

