

# SEPTEMBER 2023

## AT HOME STEAM ACTIVITIES

Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Fall is here and it's a great time to explore seasonal changes and the natural world. Go on walks and about the changes you see, touch, smell, and even taste in fall, including changes in animal behavior, weather, and plants. Track what you see and save it for the next year, when you can compare the information you gathered. Check out books from the library that explain the seasons and talk to friends or family who experience different seasons. Look up their locations on a map or atlas and learn about how seasons vary.

**MATH 01**

Spend ten minutes observing squirrels. How many do you see? What different sizes

**02**

Write or draw about what you learned this week. Take a walk and see what else you can observe about squirrels.

**READ**

**03**

**SCIENCE**

**04**

**TECHNOLOGY**

**05**

**ENGINEERING**

**ART**

**07**

**MATH**

**08**

**09**

All The Birds In The World by David Opie

Read Feathers by Melissa Stewart and learn about the science of feathers.

Use scissors to cut feathers out of paper

Make a bird out of paper, cardboard tubes, feathers & any other craft supplies that you have at home

Draw pictures of birds

Spend ten minutes watching a birdfeeder. Count how many birds and make a graph of the different species you see.

Write or draw about what you learned this week. Take a walk and see what else you can observe about birds.

**READ**

**10**

**SCIENCE**

**11**

**TECHNOLOGY**

**12**

**ENGINEERING**

**ART**

**14**

**MATH**

**15**

**16**

Apples by Gail Gibbons,

Draw the life cycle of an apple tree.

Read From Apple Trees To Cider Please by Felicia Chernesky and learn about how cider is made.

Build something with chunks of apple and toothpicks.

Use an apple to make paint prints.

Cut apples in half horizontally, vertically, and at an angle. How does the pattern of seeds change?

Write or draw about what you learned this week. Visit an apple orchard or take a walk and look for fruit on the trees.

**READ**

**17**

**SCIENCE**

**18**

**TECHNOLOGY**

**19**

**ENGINEERING**

**ART**

**21**

**MATH**

**22**

**23**

The Simple Science Of Sound by Emily James

Choose one simple kitchen object and see how many different sounds you can make with it.

Borrow a ukulele from the library and experiment with the different sounds it can make.

Make your own instrument out of straws, canisters, or rubber bands

Sing a song with friends or family. Listen to how your voices sound together and separately.

Measure the volume or spaces on your handmade musical instruments. What happens when you change their dimensions?

Write or draw about what you learned this week. Take a walk and listen for different sounds.

**READ**

**24**

**SCIENCE**

**25**

**TECHNOLOGY**

**26**

**ENGINEERING**

**ART**

**28**

**MATH**

**29**

**30**

Airplanes by Caroline Stamps

Read Novice Level Paper Airplanes by Jennifer Sanderson, & make some paper planes

Watch a video about how airplanes work [youtube.com/watch?v=UUBk\\_ymgRXY](https://www.youtube.com/watch?v=UUBk_ymgRXY)

Create your own paper plane! Try making small changes, like adding paper clips, folding differently, or launching from different heights.

Decorate your paper planes! Make sure that if you add glue or 3-D objects, it doesn't change the way it flies.

Collect all the planes you've made. Use tape or chalk to mark targets and lengths and then test and compare how far each one flies.

Write or draw about what you learned this week. Go for a walk and see if you see any planes in the sky!

Find us on social!



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