



November Challenges



Hey, Students!

We are so excited you're going to take your Teacher to the Makerspace Lab! This is your chance to show them all of the cool things we get to do! If you want your Teacher to take you more often, please be on your best behavior to make today fun for everyone! We wanted to remind you of our Lab expectations:

1. Take care of our materials (nothing leaves the Lab)
2. Use teamwork!
3. Have a positive attitude!
4. Be willing to try something new!
5. And most importantly... HAVE FUN!

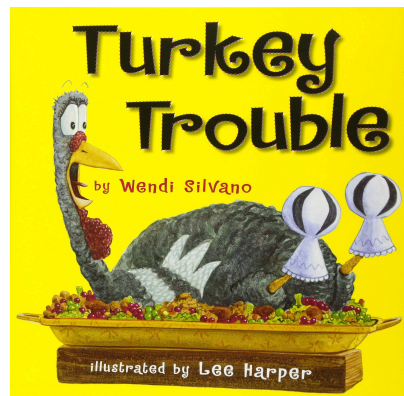
What's coming next month? Christmas Challenges!!!

Love, Mrs. Callie & Mrs. Blackburn



November Challenges

Turkey Trap!



Your family forgot to get a turkey for Thanksgiving and the stores are all sold out! In order to get a turkey for your Thanksgiving feast, you are going to have to design and build a turkey trap to catch a turkey. You'll need:

- 12 inches of masking tape
- 5 pipe cleaners
- 1 yd of string

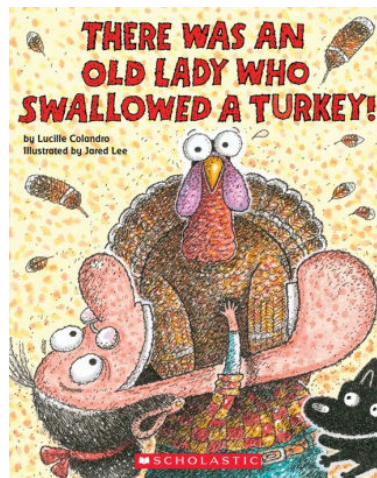
- cardboard
- scissors

*Challenge by The Carly and Adam Blog



November Challenges

Set the Table!



The Old Lady swallowed a bunch of crazy stuff in this book! Work with your group to build a table using dominoes & popsicle sticks. It has to have legs & be off of the ground. Next, try to fit as many things from the book as you can on your table!



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Dancing Corn!



Corn is a food that many people eat at Thanksgiving, but did you know you can use corn kernels to create a chemical reaction?

1. Place the clear container in the green tray & fill it with 2 cups of water.

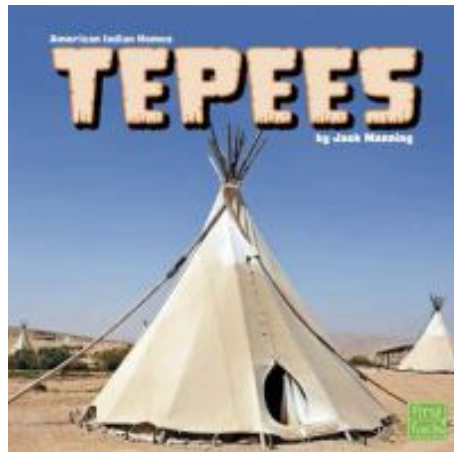
2. Add 2 tablespoons of baking soda and stir well.
3. Add a small handful of corn kernels & predict what will happen when the vinegar is added!
4. Add 1 cup of vinegar slowly, then watch what happens!

*Challenge by Little Bins for Little Hands



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Build a Teepee!



Native Americans played a big role in the story of the first Thanksgiving in America. Many tribes dwelled in homes called

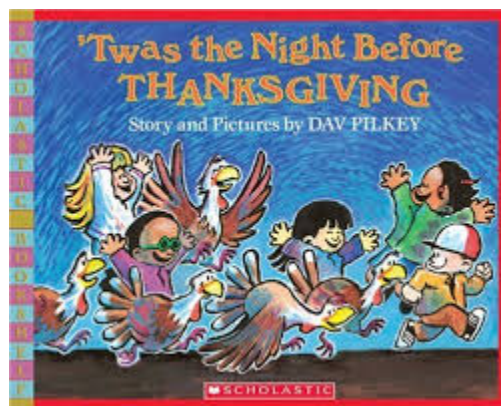
tepees, like the ones you will find in the book. Use sticks & rubber bands to create your own teepee as a group. It must stand up on its own!

*Challenge by Little Bins for Little Hands



November Challenges

Build an Escape Route for Your Turkey!



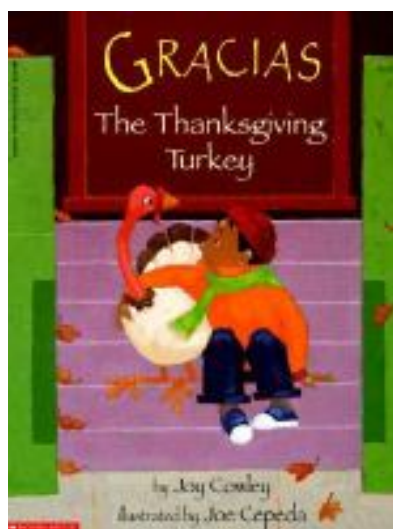
Help! These turkeys are going to be eaten if they don't find a way to escape! Build a maze for your turkey to get through. You can choose to build it from geoboards & rubber bands or Lego bricks & a Lego baseplate. Your turkey is the marble! Trade mazes with someone in your group so they can get your turkey from start to finish - you can build dead ends & obstacles!

*Challenge by Teach Outside the Box



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Turkey Tower!

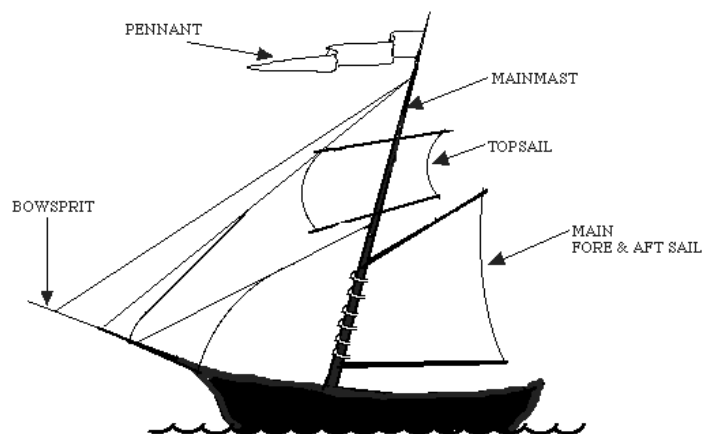
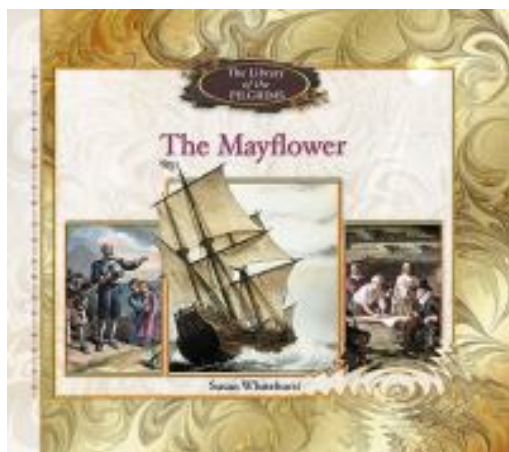


Gracias the Turkey was supposed to be a Thanksgiving meal, but Miguel wants to keep him for a pet. See how high of a tower you can make for Gracias out of cups & balance him at the top!



November Challenges

Coding Unplugged with the
Mayflower Ship!



A computer uses an algorithm to complete each task you give it to do. That algorithm is a series of steps that the computer needs to do completely to finish a task. Practice algorithms “unplugged” by following the steps in order to draw the Mayflower, one of the ships the Pilgrims rode over to America! Use the diagram above to learn the parts of a ship!

*Challenge by jdaniel4smom.com