



# November Little STEAMers

Dear Little STEAMer Families,

This month we focus on fall and harvest themes. We will talk about farms and farm animals and have some fun with the story of The Three Little Pigs. We will also discover why leaves change color in the fall and experiment with how to build a boat that will float like the Mayflower!

## November Classes:

(11/1) **Engineering: Barn Building-** Our STEAM challenge will be to build a barn that holds the most farm animals. We will create farm animals using pattern blocks as well as sort farm animals by their different attributes.

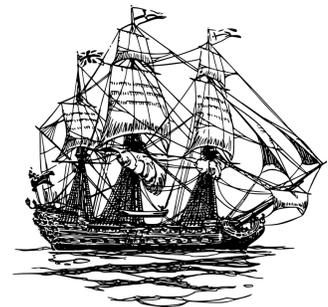


(11/8) **Fairy Tale Fun: Three Little Pigs-** Can you build the strongest house? We will experiment with different building materials to discover which one is the strongest so we are safe from the "Big Bad Wolf!"



(11/15) **Discover: Why Leaves Change Color-** Leaves are beautiful this time of year. But why do they change color? We will use our Chromebooks to answer that question! We will also do a leaf art and discover what happens when you spray a coffee filter colored with markers. Our STEAM challenge is to build a leaf creature and take a photograph of our work.

(11/22) **Experiment: Sink or Float-** Can you build a boat that will float like the Mayflower? We will experiment with a variety of objects to see what sinks and what floats. Children will then be challenged to build their own boat and test it in the water. If it floats, can you add a penny and keep it floating? How many pennies can you add?



STEAMer of the week began in October. If you have not signed up for a day, please do so using the Sign Up Genius link. Let me know if you need me to resend the link.

If you have any questions, please feel free to email me at [ckjosche@gmail.com](mailto:ckjosche@gmail.com).

Ms. Carrie and Ms. Paola