



February Little STEAMers

Dear Little STEAMer Families,

This month students will learn all about scientists and what they do. We will focus on how scientists make predictions, observe and compare things, use tools to measure, ask questions, conduct experiments and collect data to name a few. We will use the "Tap It" tv to play games and watch short Sesame Street videos to extend our learning about the different concepts

each week. Sesamestreet.org has many games and videos that relate to many of the topics we have explored this year. I encourage you to check it out with your child!

February Classes:

(2/7) **Explore: Measurement-** We will explore both standard and non-standard measurement for capacity, weight, distance and time. Our STEAM Challenge is to build a balance scale with a clothes hanger and test it with a variety of objects.

(2/14) **Experiment: Valentine's Hearts-** Scientists make predictions and conduct experiments to see what works best. Experiments don't always turn out as planned! We will use candy hearts for our STEAM Challenge this week. Can you build the longest/tallest wall? Can you build a bridge with index cards? Can you make a chute to move your candy heart?

(2/21) **Explore: Five Senses-** Scientists use their five senses to explore the world around them. In our delicious STEAM Challenge we will make popcorn the "old-fashioned" way- in a stir-crazy popper. We will record our data and use words and pictures to describe what we hear, smell, see, taste and touch.

(2/28) **Examine & Sort: Animals-** Scientists sort and classify objects. We will sort animals by their attributes and habitat. We will also investigate different animal tracks and work as a team to build a zoo mural. Our STEAM Challenge will be to build a bed that will hold the most zoo animals.

If you have any questions, please feel free to email me at ckjosche@gmail.com.

Ms. Carrie and Ms. Paola