



**October 2021 – June 2022,
2nd Tuesday of the Month, 10 AM – Noon**

Little learners get a head full of STEAM (science, technology, engineering, arts and math) with our contactless special programming. Designed for curious preschoolers, our inspired yet playful activities focus on building an innovative mindset through storytelling, artifact exploration and take-home STEAM activities.

PNC Tinkering for Tots: What are we learning about in April?

Habit of the month:



TAKE RISKS

Description: What if we try a different way? Let's do this a new way. Let's make something new.

Story: What are we reading?

Title: *What Do You Do With an Idea?*

Author: Kobi Yamada

Why we picked this book: Every idea, no matter how odd or how new, has the potential to be big. Sometimes an idea just needs time to grow and develop. This story encourages our young learners to continue to think big; you never know where your ideas might take us!

Questions you can ask your young learner:

What happened to the idea in the story? Who helped it grow? Do you have an idea for something to do or make after hearing the story? What is it? What can we do with your idea?

Artifact of the day: Where are we going?

Name:

Apollo: When We Went to the Moon

Location:

The Gallery by General Motors

Short description: Launch yourself behind the scenes for mankind's first steps on the moon, and find out how the space race inspired generations of Americans to reach for the stars. *The Apollo: When We Went to the Moon* exhibition is an out-of-this-world glimpse into the cultural, technological and political context of the moon landing. Take small steps on the moon's surface and giant leaps through actual pieces of the Apollo 11 lunar module. Count down at the command module, take off from an immersive launch experience and defy gravity for a photo in the lunar rover.

Questions you can ask your young learner:

What do you think it would be like to go to the moon? Would you like to be an astronaut? Where would you like to travel if you could go anywhere? What would be the best thing about going there?

What to see next: Stop by Heroes of the Sky and see the development of air travel that started us on our way to the moon. Check out Mathematica; sending men to the moon requires using advanced math like you can see here.

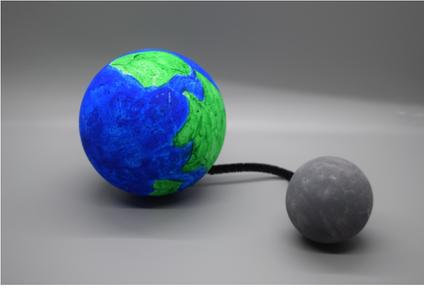
Take Home STEAM Activity: What are we doing?

Title: Paint the Earth and Moon

Materials:

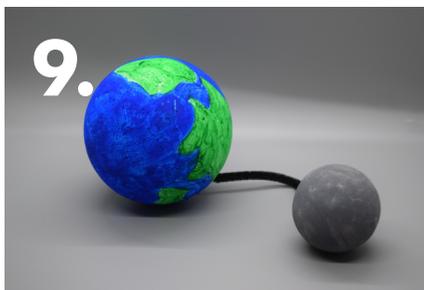
- 2 foam balls, 1 larger and 1 smaller
- Washable paint: blue, green and gray
- Paintbrush
- Pipe cleaner

Take Home STEAM Activity: Paint the Earth and Moon



Materials:

- 2 foam balls, 1 larger and 1 smaller
- Washable paint: blue, green and gray
- Paintbrush
- Pipe cleaner



Directions:

1. Using your own supplies, set up a paint area where learners can paint without worrying about making a mess.
2. Using the green paint, paint your landmasses on the larger foam ball (there are seven continents). Leave space between your green landmasses for blue water.
3. Make sure to thoroughly clean the paintbrush with soap and water and dry with a paper towel or cloth.
4. Using the blue paint, paint your water areas — the spaces between the green — on the larger foam ball.
5. Make sure to thoroughly clean the paintbrush with soap and water and dry with a paper towel or cloth.
6. Using the gray paint, paint the smaller foam ball. This is your moon. You may want to paint some spots a second time to give your moon craters.
7. Cut the pipe cleaner in half.
8. Using one half of the pipe cleaner, poke one end into your Earth about a quarter of an inch.
9. Poke the other end of the pipe cleaner into your moon about a quarter of an inch.

Extension: Ask your learner how they are going to get from Earth to the moon and back. Encourage them to draw their own rocket ship.

Coloring Sheet

