

Imagination Station

Design Your Dream Discoveries!

From the Earth to the stars, there are still many discoveries to be made. Exploration of Earth and space has provided many benefits to people and nature. We learn everything from what makes our gardens grow to technological advancements that take us to the moon and help us understand the universe around us. Exploration also allows us to work together for a common goal.

You'll Need (per small group)

45 minutes

- paper
- pencils, markers, or other drawing utensils
- string, yarn
- decorative elements: beads, pipe cleaners, tissue paper, cloth, etc.
- play dough
- scissors
- tape

1. Brainstorm. As a group, ask youth what they think is left to be discovered on both Earth and in space. What potential discovery do they think would best help the planet? What do they hope will be found?²

2. Create. Introduce the **SciGirls Challenge**: Through art, have each youth create what they hope will be discovered.¹ They can draw, paint, or design an item.

3. Share. Have each youth share what they created. Where is this discovery? What is it? How and what will help?

4. Extension. Place youth into small groups to combine their discoveries into one art project.⁵



Watch SciGirls observe the stars
and create art on **Dakota Stars!**



NASA's James Webb Space Telescope, or Webb, is the biggest and most powerful space telescope ever launched. Launched on December 25, 2021, it will study the stars and show us the universe like we never imagined! Follow along on its journey at jwst.nasa.gov