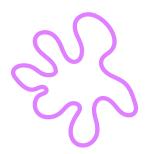
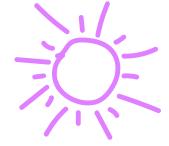




Family Resources REACHING FOR THE STARS







Family Learning Overview

We are so excited to introduce you to a new initiative called Creative Adventures @ Home! This is a partnership between Nauset Schools and the Creative Learning Company, designed to encourage hands-on learning and creativity.

In this time of great change, stress, and uncertainty, creative, hands-on projects can be a wonderful way for children to playfully explore their surroundings, strengthen their creative muscles, and develop creative confidence while working on projects that are meaningful to them. Creativity brings confidence, it brings joy, it brings comfort.

Each month, your child's teacher will introduce a new creativity adventure! This month, the adventure is **Reaching for the Stars**. Using the **Imagine**, **Create, and Share** sequence, teachers will encourage students to follow their imaginations at home with a variety of projects.

We hope these creative learning adventures will provide students with meaningful opportunities to:

- Playfully explore the world around them
- Explore their ideas and passions
- Work on projects that are personally meaningful
- Share their creations with peers and family members

We truly believe great learning happens when kids have the opportunity to engage their imaginations, follow their passions, and playfully create with their hands. We are excited to embark on this adventure with you! Let's see how we can get kids imagining, creating, and sharing.







Family Information

CREATIVITY CANS

To help you Reach for the Stars, each student will receive a Creativity Can®. The Creativity Can is a versatile, hands-on tool that encourages the development of 21st Century Skills-the 4Cs of creativity, collaboration, communication and critical thinking.

Each Creativity Can is filled with a variety of stimulating materials to spark imagination and illustrate the power of creativity. Each Can has the same components so each student has the same start to his or her creative journey. Combine the supplies from the Creativity Can with any materials or recyclables you have at home! We particularly recommend using the supplies from the can in conjunction with the Extraterrestrial Life activity.

The Creativity Cans were donated from Faber-Castell USA (www.creativitycan.com and www.fabercastell.com) and in partnership with Creative Learning Company. We are eager to see how your child interacts with the Creativity Can and to gain feedback so that we can continue to enrich lives through creativity and self-expression. Our hope is through your child's experience and your feedback, we may be able to further develop activities and curriculum to inspire a new generation of creative thinkers.

We look forward to seeing your child's creations!





Family Set-up and Supplies

THE CREATIVE ADVENTURES AT HOME HAVE BEEN DESIGNED WITH MATERIALS YOU HAVE AT HOME IN MIND! HERE A FEW TIPS TO HELP YOUR CHILD BEGIN THEIR CREATIVE EXPLORATION

GATHER MATERIALS: With your child, look for interesting materials you have around the house. Even just a few of the supplies below are enough for your child to begin creating!



- Recyclables: Cardboard, cereal boxes, egg cartons, plastic lids, etc. are all great materials
- Drawing supplies: Crayons, markers, colored pencils, paper
- Attaching supplies: Tape (scotch, masking, or duct tape) glue
- Scissors
- Paper: Newspaper, magazines, colored paper
- Fabric: Do you have any old clothing, sheets, or fabric scraps?
- Natural materials: Are there materials you can find outside to incorporate into projects? Leaves, bark, and rocks are also interesting materials for students to explore.

SET UP A CREATIVE SPACE

If possible, set up a designated place for students to work on their projects. This can be as simple as a place on the floor or a corner of the kitchen table. We suggest that students work on top of a sturdy piece of cardboard (big enough to accommodate their projects and supplies) that can be easily moved out of the way. This will enable students to "get messy" in a more contained space, and also encourage them to keep working on their project if it is easily accessible! Note: You know your child best. Some students like to have lots of different materials available to help stimulate their imaginations, while others do better with a more constrained set of supplies! Remember, there is no "right" project! Out-of-the-box thinking encouraged!



Taking it Further

Keep the imagination going by extending the creativity process with the following activities at home! The Creative Adventures at Home activities are just a starting point to learning more about the vast topic of space exploration, and we encourage you to continue the learning at home! Here are few ideas you might try:

GO OUTSIDE AND STUDY THE NIGHT SKY

Wait until it's dark outside, and take a family trip to the backyard to discover what lives up in the night sky! What do you see? What do you hear?

- Bring a notebook with you. Sketch some of the stars that you see and jot down some notes of observations that you have.
- Do you see anything moving? Do you notice any patterns?
- How many stars do you see? What shape is the moon?
 Do you think you can see any planets?

READ ALOUD IDEAS

- A Hundred Billion Trillion Stars by Seth Fishman
- Margaret and the Moon by Dean Robbins
- National Geographic Reader: Planets by Elizabeth Carney
- Zoo in the Sky by Jacqueline Mitton & Christina Balit







Taking it Further

FAMILY LEARNING EXTENSIONS

WATCH A MOVIE TOGETHER

Here are a few, family-friendly <u>examples</u> (https://www.commonsensemedia.org/lists/space-movies):

- Apollo 11
- Wall-E
- Star Wars: Episode V The Empire Strikes Back

CREATE A SPACE SUIT

Design a space suit to go along with your mission badge! You can design a wearable outfit with different features that you would want as an astronaut either by making a sketch or, if you are ambitious, by creating a space suit out of cardboard or fabric. Then, place your mission badge on your suit and practice walking in zero gravity! You can also complete this activity by making a sketch of your ideal space suit!

- If you need inspiration, explore different <u>images</u> of astronaut space suits for inspiration! [<u>https://www.nasa.gov/specials/kidsclub/pictureshow</u> /index.html]
- There are also fun videos of astronauts putting on their spacesuits on youtube:

https://www.youtube.com/watch?v=GwsZzQQxDc0





CREATIVE ADVENTURES @ HOME

Taking it Further

FAMILY LEARNING EXTENSIONS

EXPERIMENT WITH TECHNOLOGY

- Use **Google Earth** to gain perspective on looking at and zooming in on a planet--this time planet Earth!
- Try **NASA's Live Cam** to explore how new space discoveries are being made daily!
- Play with <u>NASA Kids' Club</u>, <u>NASA's Self APP</u>, or <u>NASA's Exoplanet</u> <u>Excursion [https://www.nasa.gov/kidsclub/index.html]</u>

DESIGN A SPACE MENU

REACHING FOR THE STARS

While in space, astronauts need to think about many different factors that affect how and what they eat. Design a menu that you and your fellow astronauts can eat in space! Think about:

- What meal or dish will be on your menu? Does it remind you of home?
- Interview a friend or family member about what meal they would choose and what they taste, see, smell while eating that meal.
- Using information <u>here</u> (*MIT Full STEAM Ahead--Home Cooking in Outer Space-* <u>https://c3.pubpub.org/pub/cooking-space/release/5</u>) about what happens when astronauts eat in zero gravity, create a menu that has space-modified foods, for you to safely eat on your mission!
- Design a zero-gravity kitchen item (MIT Full STEAM Ahead--Designing for the Zero-Gravity Kitchen of the Future-<u>https://c3.pubpub.org/pub/5x8kai40/release/8</u>) that you'll be able to use to create your menu.

