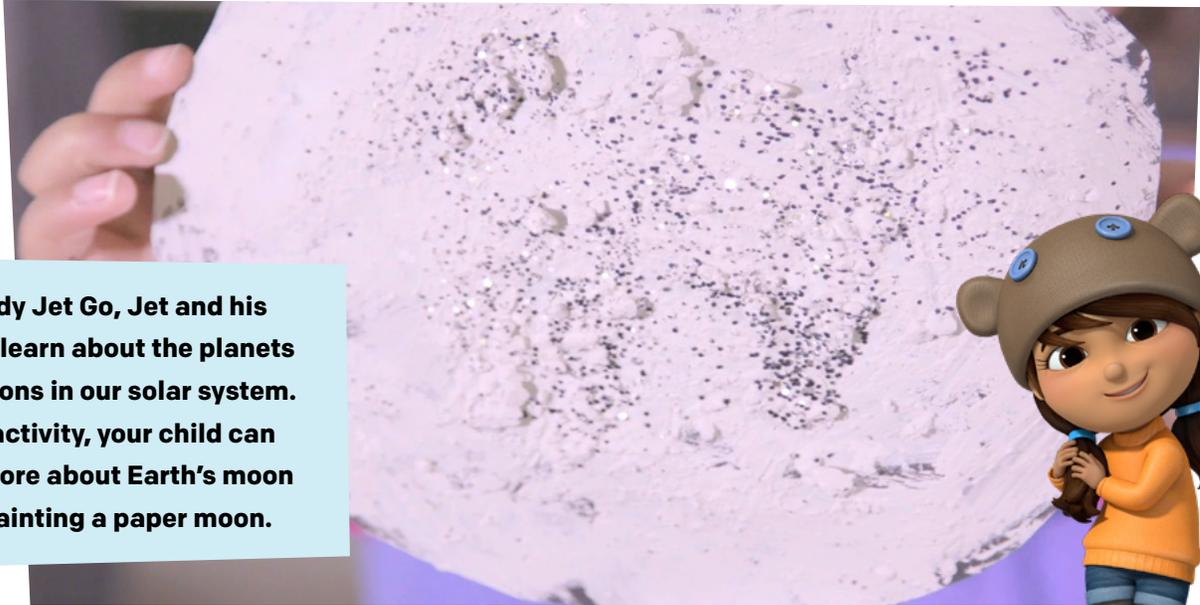


Moon Rock Painting



On Ready Jet Go, Jet and his friends learn about the planets and moons in our solar system. In this activity, your child can learn more about Earth's moon while painting a paper moon.

How to Create a Moon Rock Painting

Did you know that the "soil" on the surface of the moon is called regolith? Regolith is a fine powder made from rock fragments and pieces of volcanic glass. In this activity, your child will use craft supplies to recreate the texture of regolith and then use it to paint a paper moon.

While You Play

Start a conversation with your child about the surface of the moon while you are painting.

1. What do you think the surface of the moon looks like?
2. How a surface feels is called its texture. What do you imagine the surface of the moon feels like?
3. Now look at and feel the mixture that you created. What does it look like? How does it feel? Do you think the texture feels similar to the texture of the regolith on the moon?

The Science Behind the Fun

Earth and Space Science:

Your child is learning that the moon is made up of a variety of materials just like the Earth.

Physical Science:

When you talk with your child about what the moon rock paint feels and looks like, you are discussing its physical properties.

4. How do you think the mixture you made is the same or different than the real regolith on the moon?
5. Feel the texture of your painting once it is dry. Does it feel the same or different than when it was wet? How?

Moon Rock Painting

What you'll need

- 1 box of white chalk
- 1 plastic zip bag
- Rolling pin
- Scissors
- Black or silver glitter
- 1/4 cup of water
- Mixing bowl and spoon
- Black or other dark colored construction paper
- 1 tablespoon of gray paint
- Paintbrush

Directions

Step 1

Place the chalk into a plastic zip bag and seal the bag. Use a rolling pin to crush the chalk into a crumbly powder.

Step 2

Pour the crushed chalk into a mixing bowl and then add the glitter, gray paint and water.

Step 3

Stir the mixture until it is well blended but thick and chunky.

Step 4

Cut out a circle from the construction paper.



1



2



3



4

Directions continued

Step 5

Use the paintbrush to paint your “regolith” mixture onto the construction paper.



Step 6

Let your painting dry.



More ways to play Ready Jet Go!

- Landing on the Moon

Visit: pbskids.org/video/ready-jet-go/2365664688

- How Come the Moon Has Craters?

Visit: pbskids.org/video/ready-jet-go/2365664734



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