

Pre-Event Preparation

Before your Let's Talk Science visit, you will want to make sure you have the following items to follow along.

MATERIALS

Activity	Materials	Suggest Substitutes
Building a Lander/ Rover	1 Medium piece of cardboard	Cardstock, or multiple pieces of paper
	2 Sheets of paper	
	Markers	Pencil crayons, crayons, paint
	Ruler	
	Scissors	
	Roll of scotch/clear tape	Glue stick, masking tape
	Pencil & eraser	
Optional	Balloons, String, Toothpicks, Craft sticks, Pipe cleaners, Straws, Paperclips	
Building a Martian	Pencil and Eraser	Any drawing utensil
	Markers	Pencil crayons, crayons, paint
	Make a Martian Worksheet	Sheet of paper

LET'S TALK SCIENCE



CREATED BY: Heidi Gipp and Samina Munawar

PRE-WORKSHOP PREP

Students who would like to follow along should complete the following prior to the workshop:

- Print out the following sheets (total of 1 sheet):
 - Extension: Make a Martian *or* have a blank piece of paper.

OTHER IMPORTANT DETAILS

- Please ensure you have your microphones on mute during the activity.
- If you have any questions during the activity, you can use the chat feature to message them and a volunteer will answer it there.
- Students who do not have photo permission should keep their video cameras off.

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Instructions:

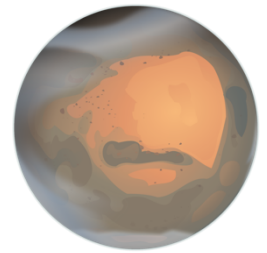
Build an alien that can survive on Mars!

Step 1: Design your alien using pencil crayons or markers below.

Step 2: Develop a 3-D model of your alien using craft materials (*i.e. modeling clay, pipe cleaners, pom-poms, foil etc*).

Conditions on Mars:

- Mostly land
 - Desert-like with large dust storms
 - Has the largest volcano and deepest canyon in our solar system!
- Atmosphere is mostly carbon dioxide & water vapor
- Temperatures between -153 C and 20 C



Design your Martian below.

