

Ready, Set, Mars!

Snoopy and Woodstock are dreaming of a mission to Mars. But NASA scientists need to learn more about surviving on Mars before we send astronauts there. And they need to design a safe place for astronauts to live while they explore Mars, where powerful dust storms can last for weeks.

Scientists test their designs by making a prototype, or model. With your grown-up, make a prototype Martian habitat, or “Hab,” to test. Will it stand up to the winds of a Martian dust storm? Watch as your grown-up demonstrates. What happened to the prototype? Draw a picture below.

Failures give us clues about what to try next. Do you have ideas for making the Hab stronger? For example, the Hab will need a strong base or bottom.

Now brainstorm your own design for a Hab. How would you keep astronauts safe from Martian windstorms? Draw a picture of your design below.



Did you know? It will take about 9 months for astronauts to travel from Earth to Mars. Find out what the Peanuts gang learns about Mars and how they create their own Mars mission by watching *Snoopy in Space* on AppleTV+, on the Apple TV app, or via apple.co/snoopyinspace.

Families: Can you find Mars or any other planets in the night sky? Find out how you can locate planets in the night sky by visiting cfa.harvard.edu/skyreport.