

Activity 2

PLANETARY PLANTER



Plants are a really important part of a healthy diet, but I'm not sure that they will survive in the Martian soil, think of all that rust!

I need a way to be able to plant and grow the food I will eat when I go to Mars.

Can you help me come up with a planter solution?



YOUR CHALLENGE

DON'T FORGET TO TAKE PICTURES!

1 RESEARCH

What do plants need to survive and grow? How can we support plant growth on Mars?



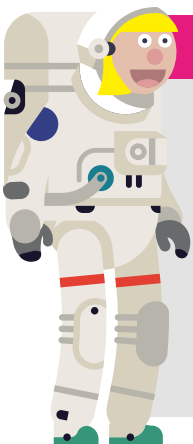
2 DESIGN

Come up with a planetary planter which will enable us to grow food on Mars. Think about what nutrients the plants might need based on your research and how the plants will get these nutrients.



3 BUILD

Create a prototype of your planter. I need to be able to grow lots of food on Mars, so I need to be able to use the planter more than once.



EMILY'S TOP TIPS

Hydroponics is special type of farming which can be done in small spaces.

