

We Wonder: Mission to Mars

Design a place to live on Mars



Use this sheet to design your Martian home or 'hab'.

When designing your hab, think about:

- What will your role on Mars be and how will you contribute?
- What equipment will you need to survive the hostile environment?
- How can you make your hab sustainable and eco-friendly?
- What will you do for fun and relaxation?
- What will your hab look like?
- Make sure you demonstrate the reading and research you have done by labelling your drawing clearly.

What will your role be on Mars? What will be the best thing and the hardest thing about living on Mars?

Role: gardener, providing the colony with fresh fruit + vegetables
 Best: Changing history and helping the future of Planet Earth
 Hard: not seeing friends + family for a long time

Sketches, notes and ideas for your hab here:

Inspiration! → Astronaut Kate Greene's book "Once Upon A Time I lived on Mars" - she missed fresh food the most during the 4 months experiment

Eden Project in Cornwall
 ↓
 grow produce in Bio Domes

Sustainability?
 first: tonnes of manure/fertilizer from Earth.
 Then: plant compost + human waste

TREATS! - books, lots - can share.
 pet cat 🐾

Grow: root vegetables } need a minimum
 salad vegetables } of 3 domes / greenhouses
 fruit trees } ? 4

Do a more technical drawing of your hab here, and label the key features such as different rooms, important equipment areas, fun spaces.

Please use a ruler and a pencil so that you can be as neat and precise as possible.

1 cm = 2 m

