

# Mars Mission

Use what you have learned about Heat and Temperature so far to design a home for future colonists on Mars.

Things to think about:

- what insulators would I use and where would I use them
- would I use conductors anywhere
- where would my home lose the most heat and how would I minimize the heat that is lost
- how can I use reflection and absorption in my design
- what I have I done in my design to deal with the wind
- where am I going to get my heat from

Your good copy needs to be in pencil, colored, labelled and on graph paper.

You must include at least 2 doors in your design.

You must have a scale  
Eg: 1 box = 1m

You must submit a builders report to explain why you made the design choices that you did.

You can achieve bonus points for making a model of your design