

Do this outside on a sunny day.



Wrap one side of the card in foil (the extra foil folded around the edges should hold it in place)

Fold the card in half and lay it on its side so that one side becomes the lid and the other the base of the oven

Angle the oven lid so that the foil reflects sunlight onto the base

Put marshmallows or chocolate onto the base

Predict what you think will happen, why this is and how quickly it will happen.

Can you use scientific vocabulary: **solid, liquid, melting, freezing?**

Record by writing or drawing what you notice is happening. You might want to also record timings.

To take your investigation further, you could explore the effect of changing the colour of the card base, or the angle of the oven lid. You could also try melting different materials, e.g. butter, crayons, chocolate biscuits or ice cubes.