



## Year 8 Term 2

If you have completed all your science homework set by your teacher, you can choose from this grid

Design a pair of snow boots for an arctic expedition. Explain your choices of materials.	Make a list of the uses in real life for temporary magnets.	Plan a practical to find out which metal is the best conductor – remember you need to make it a valid test.
Look at the energy use in your household. How could you help to save money?	Research endothermic and exothermic reactions and make a list of as many examples as you can find.	Research Scott's expedition to the Antarctic. Why did it go wrong – how could they have been better equipped in terms of clothing?
Make a model of a well-insulated house labelling key features.	Describe how miners used convection to help ventilate old mine shafts.	Make a top trumps card game for the elements of the periodic table.
Find out what the Van Allen belts are and what they do.	Visit the science museum in Manchester and write a review of it for other visitors.	Make a model of an alarm bell that uses electromagnets labelling the key features.