

HOMEWORK TASK

Choose one of the following projects, which are linked to our topic.

Work on it for the next three weeks. You may complete more than one project if you wish.

Bring your work into school by Tuesday 17th December.

Mathematics:

Start with a 100 square. Within this draw a 2 x 2 square.

Add the top left and bottom right numbers.

Then add the top right and bottom left numbers. What do you notice about the totals?

Repeat using other 2 x 2 squares. Extend the investigation to 3 x 3 squares, 4 x 4 squares and 5 x 5 squares. Write a summary of what you find out.

English:

Write a piece of instructional text which tells your reader how to make a magnet.

This might be: an electro magnet, a temporary magnet, a compass magnet (or all three).

Geography:

Produce a diagram of the structure of a river (from its source to the sea).

Annotate the diagram with the different features.

Produce a key showing the name of each feature, alongside an explanation of what is or how it is formed.

Art:

Examine images of pulleys, gears and cogs.

Produce a large pencil drawing of one of these mechanisms.

Repeat the image - using colour (paint, pastels, pencil crayons).

