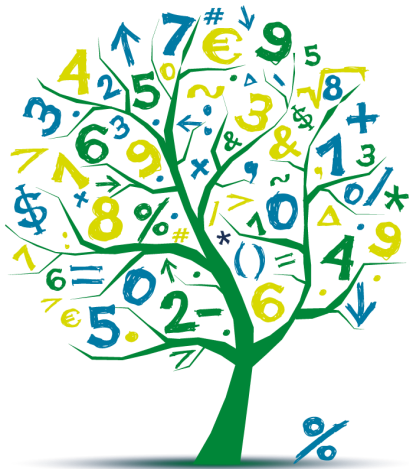


Welcome to Maths



HEALING
SCHOOL



A Science Academy

The Maths Team:

Mrs R Cooper :Head of Faculty

Mrs D Kay :2nd in Faculty

Mr M Foster :Assistant Principal

Mr M Holt :School Improvement Lead

Mrs L Maddison :Lead Teaching and Learning Champion

Mr M Cooper :Teaching and Learning Champion

Mr T Holmes :Teacher

Mrs D Portess :Teacher

Mr A Stone :Teacher

Miss A Thompson :Teacher

What you are going to learn in Year 7:

You will learn many number, algebra, shape, space, data, ratio and proportion skills.

You will also get to see how your maths skills link in to other subject areas, the real world around you and different jobs you might be interested in.

An introduction to Maths

One area of maths you will study at Healing School is shape and space. We use isometric paper to create perspective drawings of 3-dimensional objects. This task will let you develop your skills in shape drawing.

Key words:

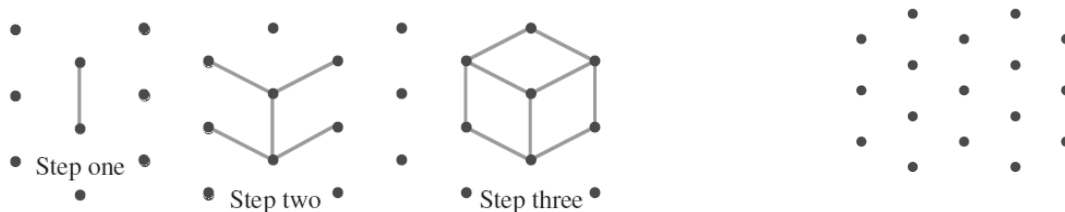
Horizontal—a parallel line to the horizon \longleftrightarrow

Vertical—a line at a right angle to the horizon \updownarrow

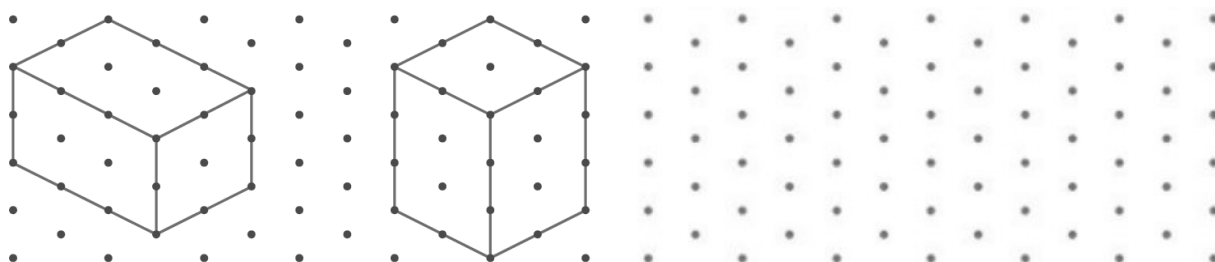
Diagonal—a sloping line

3-dimensional—a shape with length, width and height

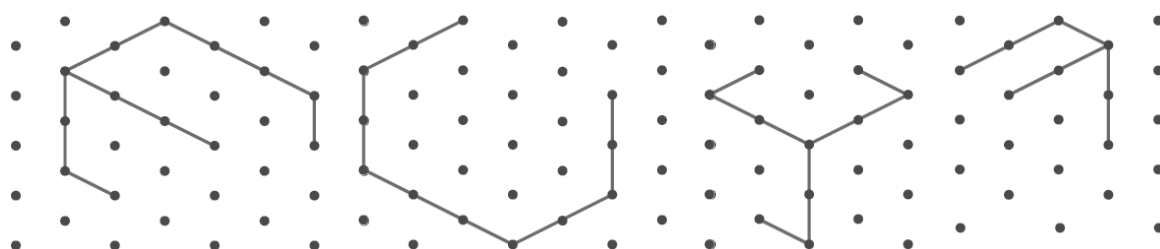
To draw a cube with a side length of 1, start by drawing a vertical line as shown below. Then draw the diagonal lines shown in step two and finally, complete the shape as shown in step 3. Try on the blank isometric paper.



Now try and copy these cuboids on to the isometric paper:



Can you complete these cuboids?



Now can you draw your own 3-dimensional shape?



Topics I have already studied in Maths: