

# Our Learning Keys

## Position and Direction

Maths

Year 4

Summer

Weeks 11-12

Links

Science: Recording results

Analysing data

Graphic Design:  
Aerial plans.

Doors this will open...

Marketing

Scientist

Researcher

Sports Analyst

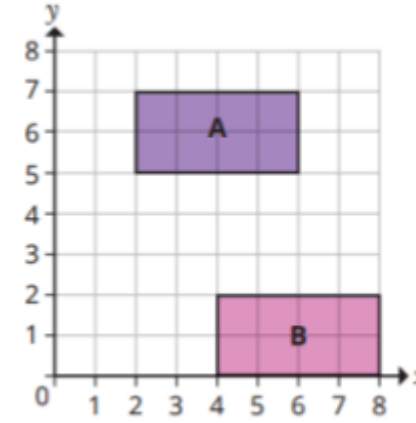
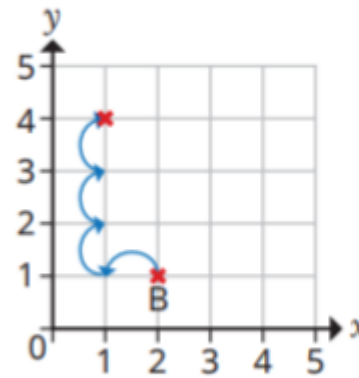
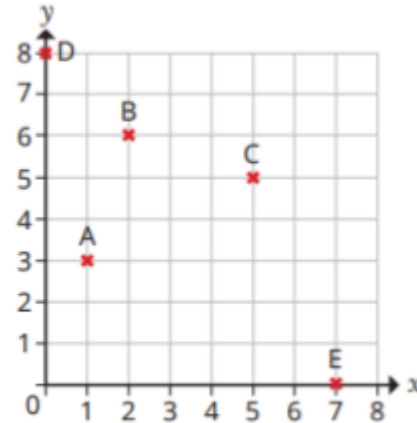
Builder

Engineer

Architect



### Images



### Facts

- ☐ Describe position using coordinates
- ☐ Plot Coordinates
- ☐ Draw 2D Shapes on a Grid
- ☐ Translate on a Grid
- ☐ Describe a Translation on a Grid
- ☐
- ☐
- ☐

Previously...

In Year 2, children will have looked at the language of position and described movement and turns.

Year 4  
Summer  
Weeks 11-12

Next...

In Year 5, children will problem solve with coordinates, translate with coordinates and reflect shapes through horizontal and vertical lines.

### Questions

Which axis do you look at first when you're reading coordinates?

What are the coordinates of the point?

Why are there two values in a pair of coordinates?

Does the order of the numbers in a pair of coordinates matter? Why?

Where does the point (..., ...) go on the grid?

What does translation mean?

How can you describe the translation that has happened from one point to another?

### Vocabulary

Coordinates, graph, axis, y-axis, x-axis, plot, brackets, translation