

Canonbury Home Learning
Year 2/3 Geography Skills

Big Question: Why are grid references on a map helpful?

LO: To use 4-figure grid references

RECAP: Can you remember the name of the 4 main points of a compass? Give yourself an extra minute to try and remember the names of the four compass points between each of the main points!

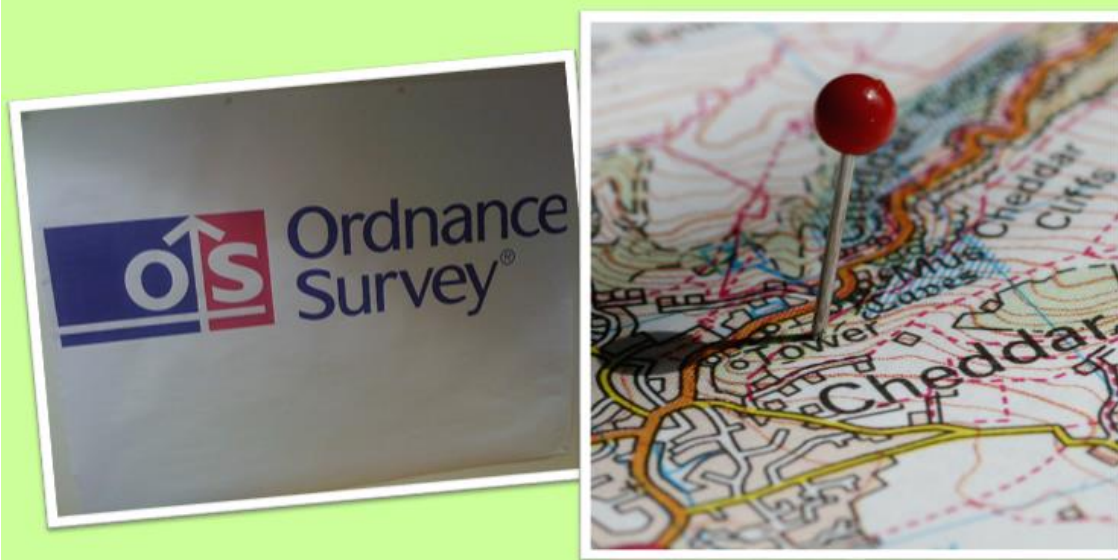
If you can, start by watching this clip about 4-figure grid references:

https://www.youtube.com/watch?v=c0du8v4EE_Y

Today you will be **using 4-figure grid references to locate places on a map!**

Ordnance Survey Maps

Ordnance survey maps are very detailed and can help you to find your way.



Grid References

Ordnance survey maps have grid references to help you to locate a place on a map.

Maps are divided up into numbered squares. These squares are used to help give a grid reference which then helps you to find the place you are looking for on a map. Grid references can consist of both **four or six** figures.

Numbers along the bottom of a map come first followed by the numbers along the side of the map. The lines going across are called **Eastings** and the lines going up and down are called **Northings**.

Grids on Maps

Your map is criss-crossed with lots of horizontal and vertical lines. This creates lots of squares, known as a grid. Using the grid and squares helps to narrow the area to search – making it easier to locate features on the map!

Did you know? That on an Ordnance Survey map, each square represents the same size area: 1 square km (1km²).



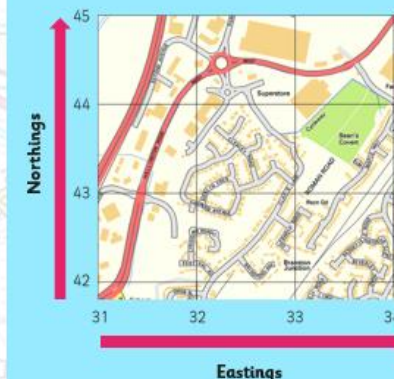
Eastings and Northings

Have you ever looked at co-ordinates in Maths? This is very similar!

All the grid lines are numbered to help find specific areas on the map.

Eastings are the numbers that run from left to right on the map.

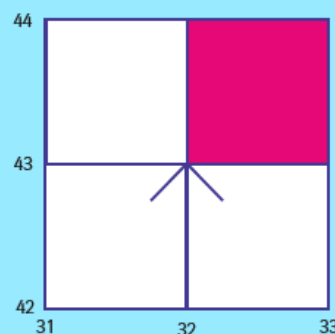
Northings run from south to north.



Four-Figure Grid References

Using the 2 digits of the easting and the 2 digits of the northing creates a four-figure grid reference. This is the reference for the bottom left corner of a square on the map. This makes it easier to search the map for features.

Remember! Always start with the eastings first (try using the phrase 'along the corridor and up the stairs' to get the right order).



(32,43)

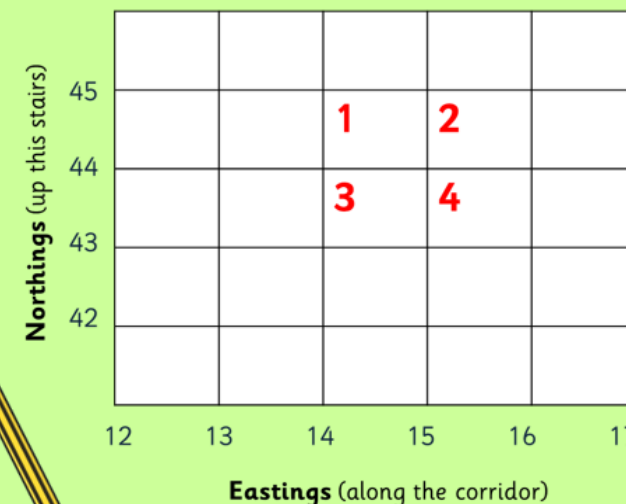
How to Use a Grid Reference

When giving a four-figure grid reference you use the **Eastings numbers first** followed by the Northings numbers.

An easy way to remember is to think 'along the corridor and up the stairs'.

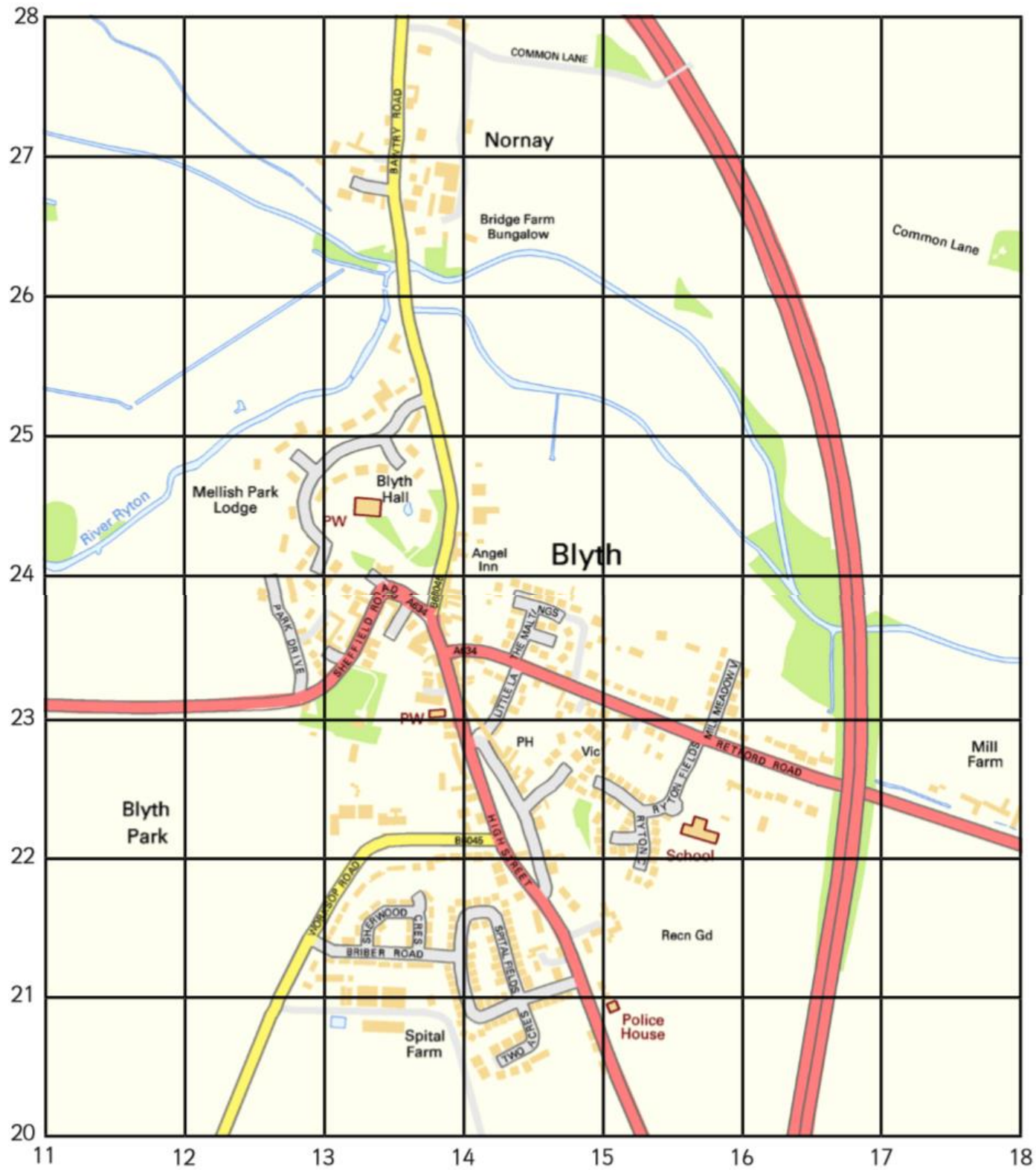
- 1 would be 14 44
- 2 = 15 44
- 3 = 14 43

What would 4 be?



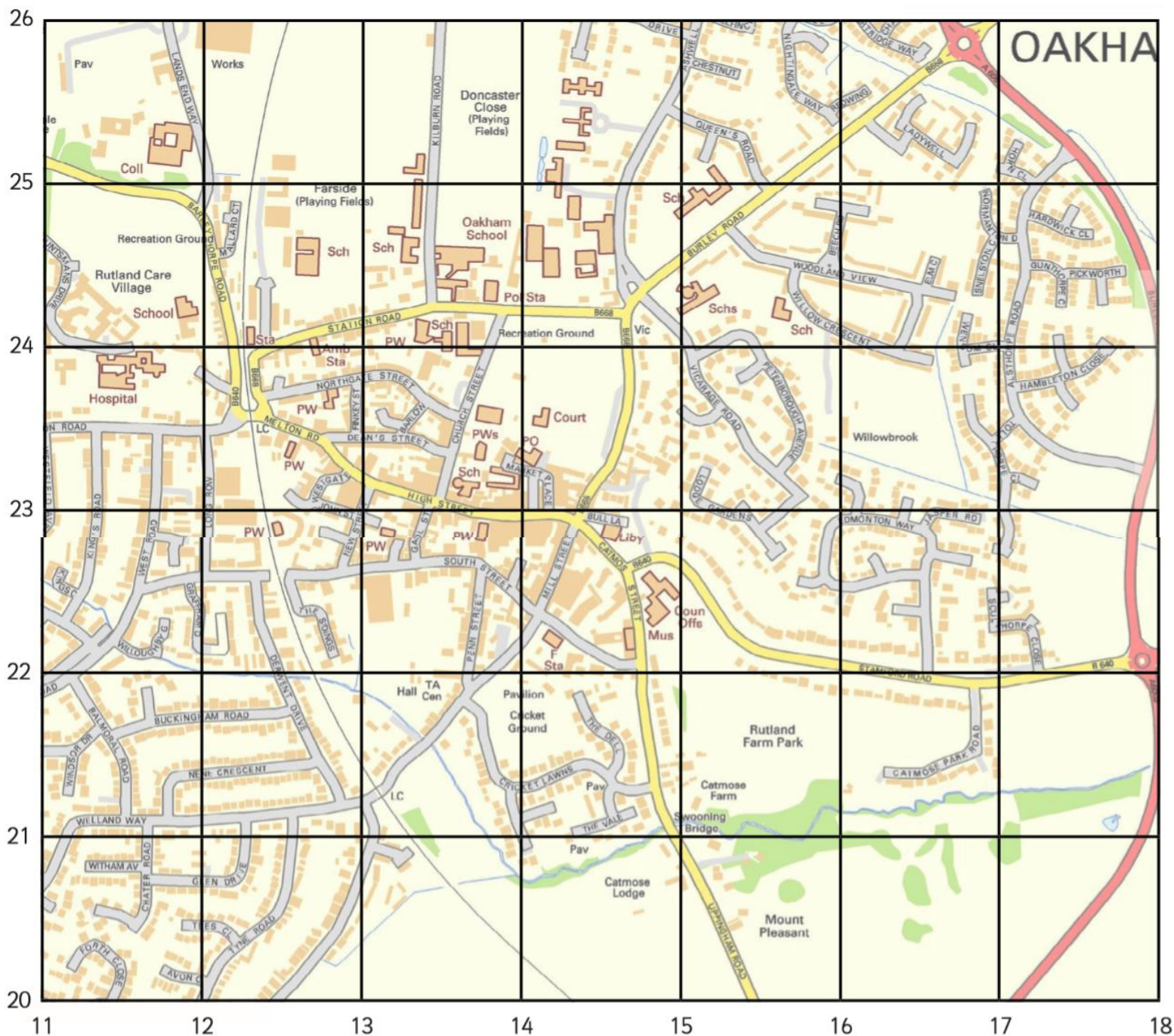
Task 1 (mild): Use the map and grid references to locate the places.

(14, 24)	-----
(17, 22)	-----
(11, 24)	-----
(17, 26)	-----
(14, 27)	-----
(13, 24)	-----
(12, 23)	-----
(14, 20)	-----



Canonbury Home Learning

Task 2 (red hot): Use the map and grid references to locate the places and crack the code.



What building is found at the following coordinates?

(12, 25)	—○— — —
(13, 24)	— — —○— — — — — — — —
(15, 21)	— —○— — — — — — — —
(14, 22)	—○— — — — y
(13, 21)	—○— —

What road is found at the following coordinates?

(16, 21)	— — — — — — — —○— — — — — — — —
(13, 23)	— — — — — — — —○— — — — — — — —
(11, 25)	○— — — — — — — — — — — — — —

Write the circled letters from your answers below:

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Unscramble the letters to spell another location on the map:

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What are its coordinates?

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