

# Cartesian Planes

## Real life application

Cartesian Planes are used in real life for anything that requires 'grid work' - reading maps is the most common use. Your task today is to:

- a) complete your own Cartesian Plane grid on the school map, working from the origin that has been marked.
- b) move around the school to each of the listed ordered pairs (coordinates), and write down what you find at each grid reference. You need to take an iPad with you to take a photo at each ordered pair, doing them IN ORDER that they are listed here.

1.  $(2, 0)$

2.  $(5, 1)$

3.  $(2, -3)$

4.  $(-2, -2)$

5.  $(-8, -5)$

6.  $(-3, 5)$

7.  $(2, 3)$

8.  $(7, 2)$

Remember that the X coordinate is always listed first in the ordered pair, and the Y coordinate is always listed second. There will be a letter at each ordered pair, and you need to take a photo of each letter (with your group members in the photos if you like!) to prove that you did them in the correct order.