

# Technical Mapping

## WORKSHEET

Whether it's navigating to a new destination, or understanding an exit route within a shopping centre, understanding how maps work is important. In this activity, you will develop a floor plan map of your school and include routes for an emergency exit.

### WHAT YOU'LL NEED:

Graph paper (or use the space provided below)

Ruler

Staedtler pencil or pen

### STEPS

#### Step 1

With your teacher, take a tour of your school. Draw or make notes of what you'll need to include in your floor plan (buildings, outdoor areas, paths, etc) along the way.

#### Step 2

Using your graph paper and ruler, draw a draft floor plan of your school. Ensure you have included as many of the objects as you can remember during your tour.

#### Step 3

As a class, take another tour of your school. This time, pay particular attention to the size of objects and their position in relation to each other. Check that your draft floor plan illustrates these as close to scale as possible and make any necessary changes.

#### Step 4

Using coloured pencils or pens, draw up to three potential exit routes on your floor plan that you could consider in the case of an emergency.

#### Step 5

As a class, share your maps and discuss what you needed to consider when developing your floor plan. Make any changes to your map that you may have missed.