

## ACTIVITY NINE: MEASURING THE TRENCHES

### Learning objectives

To be able to measure the perimeter of rectilinear shapes in centimetres and metres (Year 5 – Measurement)

### Prior learning

The students will need to be familiar with using a trundle wheel to measure distances.

### Resources

Copies of the Activity Nine trench map teacher's copy and students' copy.

### Introduction

How big is a metre? How big is 10m? What about 15m? Discuss students' estimates.

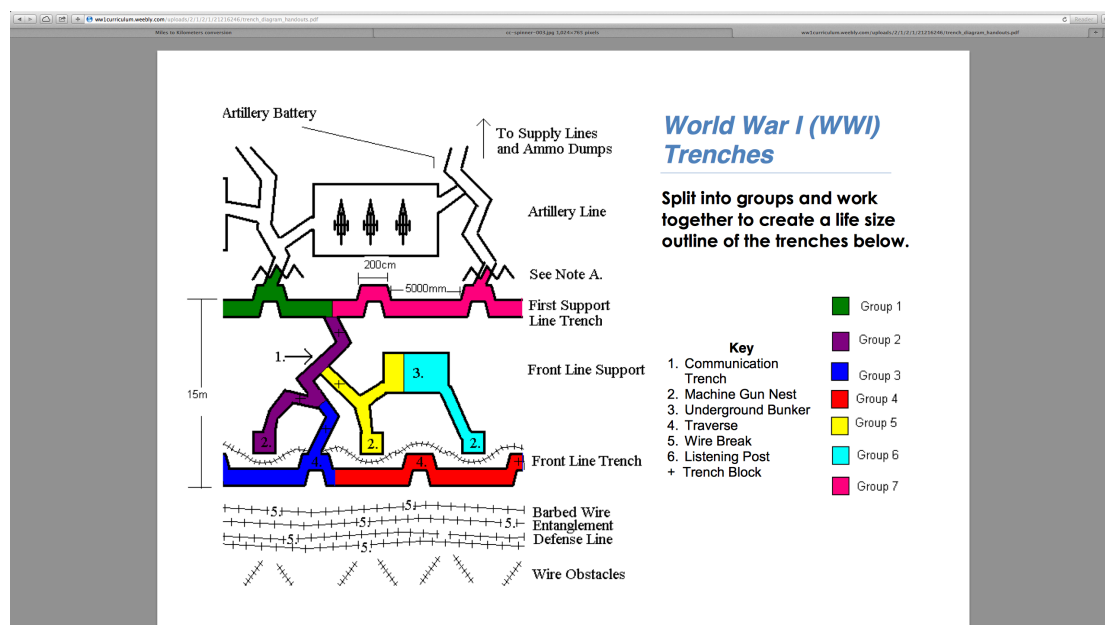
## MAIN TASKS

1. Take students out a group at time to draw out a life size map of the trenches. If you do not have a 15m square space, use a portion of the map instead.

### Ideas for differentiation

Lower attainers: adult support

Higher attainers: convert the measurements on the map into cm and mm.



### Review

Take the class out and stand them inside the trench space. Ask them to imagine what it must have been like in the trenches.

Point out where the front line was and ask 'what happens in these different parts of the trench behind the front line?' Label all the different parts of the trench using a similar version of the map above as a guide.