

# Geography – Year 6

## Would you be lost without an iphone?


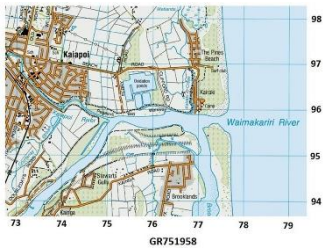
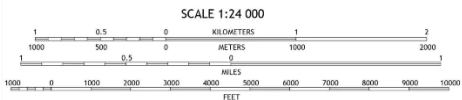


**Big Idea: Maps can be used to navigate but their nature has changed over time.**

### What should I already know?

- In lower key stage 2, children will have used digital maps and aerial photos to learn about places
- All children should be able to locate the equator, poles, continents on a world map
- All children should be aware of longitude and latitude
- Children will probably have experience of using or seeing others use digital maps on phones or in cars.
- Children will have used Google Earth

### What will I know by the end of this unit?

<p>Maps have changed over time</p> 	<ul style="list-style-type: none"> <li>• Maps are a representation of the surface of the earth. They can be in 2d and more recently 3d form</li> <li>• The key, contour lines and scale of a map can help me</li> </ul>
<p>Use grid references to locate places on maps</p> 	<ul style="list-style-type: none"> <li>• Satellite navigation systems on digital devices are available (Geographical Information Systems)</li> <li>• Maps use grid references to pinpoint locations</li> <li>• Use 4 digit and 6 digit grid references to find a location</li> <li>• The map in the classroom is an example of the Mercator projection</li> </ul>
<p>Use scales on maps</p> 	<ul style="list-style-type: none"> <li>• Calculate distances using different scales on an OS map</li> <li>• Know how to navigate using compass points correctly</li> </ul>
<p>Create a digital map</p>	<ul style="list-style-type: none"> <li>• Use 'Digimaps' to create a new map using an appropriate scale, key and grid references</li> </ul>

### Key Vocabulary

compass	A device that shows the direction in relation to magnetic north
gis (geographical information system)	a computer system for capturing, storing, checking, and displaying data related to positions on Earth's surface.
grid reference	A grid reference allows someone to mark a place on a map by referring to vertical and horizontal lines called 'eastings' and 'northings'
grid square	The virtual square that is found using the grid reference
location	means defining where a certain place is, with reference to some other place
navigation	Finding the way from place to place
Ordnance Survey map	Britain's mapping agency. OS create up to date and accurate maps depicting the landscape's human and physical features
satellite	a small object that orbits, or revolves around, a larger object in space.
scale	the size of a model or map compared to the actual size of the thing it represents

