

# Progression in mapping

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## Geography Teaching Resource

Primary



## Years 1 and 2

Using and interpreting	Position and orientation	Drawing	Symbols	Perspective and scale	Digital map making
<p>I can find information on aerial photographs.</p> <p>I know that maps give information about the world (where and what?).</p> <p>I can follow a route on a prepared map.</p> <p>I can recognise simple features on maps such as buildings, roads and fields.</p> <p>I recognise that maps need a title.</p> <p>I can use maps to talk about everyday life for example, where I live, journey to school, where places are in a locality.</p> <p>I can begin explaining why places are where they are.</p>	<p>I am beginning to use directional vocabulary.</p> <p>I can say which direction N,S,E,W is for example, using a compass in the playground.</p> <p>I know which direction N is on an Ordnance Survey map.</p>	<p>I can draw a simple map (real or imaginary place) for example, freehand maps of gardens, watery places, route maps, places in stories.</p>	<p>I can use symbols on maps (own and class agreed symbols).</p> <p>I know that symbols mean something on maps.</p> <p>I can find a given Ordnance Survey symbol on a map with support.</p> <p>I am beginning to realise why maps need a key.</p>	<p>I can look down on objects and make a plan for example, on desk, high window to playground.</p> <p>I can draw objects to scale (for example, on table or tray using squared paper 1:1 first, then 1:2 and so on).</p> <p>I can use large scale, vertical aerial photographs.</p> <p>I know that when you 'zoom in' you see a smaller area in more detail.</p>	<p>I can find places using a postcode or simple name search.</p> <p>I can add simple information to maps for example, labels and markers.</p> <p>I can draw around simple shapes and explain what they are on the map for example, houses.</p> <p>I can use the measuring tool with support to show distance for example, my house to school, to the shops.</p> <p>I can zoom in and out of a map.</p> <p>I can draw a simple route.</p> <p>I can highlight areas.</p> <p>I can add an image to a map.</p>



<p><b>Work confidently with:</b></p> <ul style="list-style-type: none"> <li>• Large scale street maps and large scale</li> <li>• Ordnance Survey maps (1:1250. 1:2500)</li> <li>• Aerial photographs</li> <li>• Games with maps and globes.</li> </ul> <p><b>Have experience of:</b></p> <ul style="list-style-type: none"> <li>• a range of different maps for example, tourist brochure, paper maps, storybook maps,</li> <li>• Ordnance Survey digital maps at different scales,</li> <li>• globes and atlases.</li> </ul> <p><b>Introduce:</b></p> <ul style="list-style-type: none"> <li>• simple grids,</li> <li>• four cardinal points,</li> <li>• basic digital mapping tools,</li> <li>• zoom function of digital maps.</li> </ul> <p><b>Context:</b></p> <ul style="list-style-type: none"> <li>• focus on the local scale— home, school, neighbourhood, everyday lives (their own and others), work in the school grounds;</li> <li>• global scale – world maps, globes and through story.</li> </ul>			<p><b>Suggested Digimap for Schools Activities (KS1-2)</b></p> <ul style="list-style-type: none"> <li>• Letter to our school</li> <li>• Where do I live?</li> <li>• How can we get to Grandma’s safely?</li> <li>• What’s the quickest way to school?</li> <li>• My geography glasses</li> <li>• Who goes to school by boat?</li> <li>• Where does our milk come from?</li> <li>• Where do I go in a week?</li> <li>• Capital Stops</li> <li>• My Dream Island</li> <li>• The Magic Telescope</li> </ul>		



## Years 3 and 4

Using and interpreting	Position and orientation	Drawing	Symbols	Perspective and scale	Digital map making
<p>I can use atlases, maps and globes.</p> <p>I can use large scale maps outside.</p> <p>I can use maps at more than one scale.</p> <p>I can make and use simple route maps.</p> <p>I can locate photos of features on maps.</p> <p>I can use oblique and aerial views.</p> <p>I can recognise some patterns on maps and begin to explain what they show.</p> <p>I can give maps a title to show their purpose.</p> <p>I can use thematic maps.</p> <p>I can explain what places are like using maps at a local scale.</p>	<p>I can use simple grids.</p> <p>I can give direction instructions up to 8 cardinal points.</p> <p>I can use 4-figure coordinates to locate features.</p> <p>I know that 6figure Grid References can help you find a place more accurately than 4- figure coordinates.</p>	<p>I can make a map of a short route with features in correct order.</p> <p>I can make a map of small area with features in correct places.</p>	<p>I can use plan views regularly.</p> <p>I can give maps a key with standard symbols.</p> <p>I can use some Ordnance Survey style symbols.</p>	<p>I can use maps and aerial views to help me talk about for example, views from high places.</p> <p>I can make a simple scale plan of room with whole numbers for example, <math>1 \text{ sq.cm} = 1 \text{ square tile on the floor moving onto } 1\text{cm}^2 = 1\text{m}^2</math>.</p> <p>I can use the scale bar to estimate distance.</p> <p>I can use the scale bar to calculate some distances.</p>	<p>I can use the zoom function to locate places.</p> <p>I can use the zoom function to explore places at different scales.</p> <p>I can add a range of annotation labels and text to help me explain features and places.</p> <p>I can highlight an area on a map and measure it using the Area Measurement Tool.</p> <p>I can use grid references in the search function.</p> <p>I can use the grid reference tool to record a location.</p>



I recognise that contours show height and slope.				I can relate measurement on maps to outdoors (using paces or tape).	I can highlight areas within a given radius. I can add photographs to specific locations.
<p><b>Work confidently with:</b></p> <ul style="list-style-type: none"> <li>• Large scale street maps and large scale Ordnance Survey maps (1:1250. 1:2500),</li> <li>• aerial photographs,</li> <li>• oblique and bird's eye views,</li> <li>• games with maps and globes,</li> <li>• Ordnance Survey maps 1:1250, 1:2500 and 1:10 000,</li> <li>• 4-figure coordinates.</li> </ul> <p><b>Have experience of:</b></p> <ul style="list-style-type: none"> <li>• a range of different maps for example, tourist brochure, paper and digital maps, storybook maps, atlases, Ordnance Survey paper and digital maps at different scales,</li> <li>• 6-figure coordinates.</li> </ul> <p><b>Introduce:</b></p> <ul style="list-style-type: none"> <li>• what 6-figure Grid References mean,</li> <li>• 8 cardinal points,</li> <li>• greater independence in using digital mapping tools.</li> </ul> <p><b>Context:</b> a range of places in the wider locality and in contrasting localities, fieldwork in the wider locality.</p>			<p><b>Suggested Digimap for Schools Activities</b></p> <ul style="list-style-type: none"> <li>• Treasure Hunt</li> <li>• Picture Detectives</li> <li>• Artful Maps</li> <li>• Patterns of land use</li> <li>• Flying High: White –Tailed Eagles</li> <li>• Teifi Travels</li> <li>• A Taste of Scotland</li> <li>• Landscape Fingerprints</li> </ul>		



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**Digimap for Schools**

