

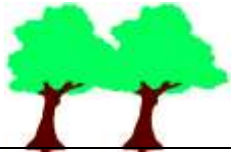


Mapping Skills Progressions



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 recognise that contours show height and slope</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 6 figure 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, 1 sq.cm = 1 square tile on the floor moving onto 1cm² = 1m².</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 relate measurement on maps to outdoors (using paces or tape)</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> <p>I can highlight areas within a given radius.</p> <p>I can add photographs to specific locations.</p>

**Work confidently with:**

- Large scale street maps and large-scale Ordnance Survey maps (1:1250, 1:2500),
- aerial photographs,
- oblique and bird's eye views,
- games with maps and globes,
- Ordnance Survey maps 1:1250, 1:2500 and 1:10 000,
- 4-figure coordinates.

Have experience of:

- 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,
- 6-figure coordinates.

Introduce:

- what 6-figure Grid References mean,
- 8 cardinal points,
- greater independence in using digital mapping tools.

Context:

a range of places in the wider locality and in contrasting localities, fieldwork in the wider locality

Suggested Digimap for Schools Activities

- Treasure Hunt
- Picture Detectives
- Artful Maps
- Patterns of land use
- Flying High: White –Tailed Eagles
- Teifi Travels
- A Taste of Scotland
- Landscape Fingerprints



YEARS 5 AND 6

Using and interpreting	Position and orientation	Drawing	Symbols	Perspective and scale	Digital map making
<p>I can relate maps to each other and to vertical aerial photographs.</p> <p>I can follow routes on maps saying what is seen.</p> <p>I can use index and contents page of atlas.</p> <p>I can use thematic maps for specific purposes.</p> <p>I know that purpose, scale, symbols and style are related.</p> <p>I can appreciate different map projections.</p> <p>I can interpret distribution maps and use thematic maps for information</p> <p>I can follow a route on 1:50 000 Ordnance Survey map; I can describe and interpret relief features.</p>	<p>I can use 4 and 6-figure coordinates to locate features.</p> <p>I can give directions and instructions to 8 cardinal points.</p> <p>I can align a map with a route.</p> <p>I can use latitude and longitude in an atlas or globe.</p>	<p>I can make sketch maps of an area using symbols and key.</p> <p>I can make a plan for example, garden, play park; with scale.</p> <p>I can design maps from descriptions.</p> <p>I can draw thematic maps for example, local open spaces.</p> <p>I can draw scale plans</p>	<p>I can use agreed and Ordnance Survey symbols.</p> <p>I appreciate maps cannot show everything.</p> <p>I can use standard symbols</p> <p>I know 1:50.000 symbols and atlas symbols</p>	<p>I can use a range of viewpoints up to satellite.</p> <p>I can use models and maps to talk about contours and slope.</p> <p>I can use a scale bar on all maps.</p> <p>I can use a linear scale to measure rivers.</p> <p>I can describe height and slope using maps, fieldwork and photographs.</p> <p>I can read and compare map scales.</p> <p>I can draw measured plans for example, from field data.</p>	<p>I can find 6-figure grid references and check using the Grid Reference Tool.</p> <p>I can combine area and point markers to illustrate a theme.</p> <p>I can use maps at different scales to illustrate a story or issue.</p> <p>I can use maps to research factual information about locations and features.</p> <p>I can use linear and area measuring tools accurately.</p>

**Work confidently with:**

Large scale street maps and large-scale Ordnance Survey maps (1:1250. 1:2500); aerial photographs, oblique and bird's eye views, games with maps and globes, Ordnance Survey maps 1:1250, 1:2500, 1:10 000, 1:25 000. 1:50 000 4 and 6-figure coordinates.

Have experience of:

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, 6-figure coordinates.

Introduce: what 6 figure Grid References mean and how to calculate them.

Context: a range of places at different scales and with different themes, fieldwork in the wider and distant locality

Suggested Digimap for Schools Activities

- Fantasy Maps
- Weather Warning!
- Coastal Mysteries
- Landscape Poetry
- Lighthouse for Sale
- My Top Tourism Trail
- It's a Rubbish Footprint!
- Extreme GB
- Map Detectives
- Emergency Rescue