Progression in Map Work Skills

	Using And Interpreting Maps	Position And Orientation	Map Drawing	Map Symbols	Perspective And Scale	Digital Map Making
Year 3 and Year 4	• I can use atlases, maps and globes. • I can use large scale maps outside. • I can use maps at more than one scale. • I can make and use simple route maps. • I can locate photos of features on maps. • I can use oblique and aerial views. • I can recognise some patterns on maps and begin to explain what they show. • I can give maps a title to show their purpose. • I can use thematic maps. • I can explain what places are like using maps at a local scale. • I recognise that **contours** show height and slope.	• I can use simple grids. • I can give direction instructions up to 8 cardinal points. • I can use 4-figure coordinates to locate features. • I know that 6figure Grid References can help you find a place more accurately than 4- figure coordinates.	• I can make a map of a short route with features in correct order. • I can make a map of small area with features in correct places.	• I can use plan views regularly. • I can give maps a key with standard symbols. • I can use some Ordnance Survey style symbols.	• I can use maps and aerial views to help me talk about for example, views from high places • 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.* • I can use the scale bar to estimate distance. • I can use the scale bar to calculate some distances. • I can relate measurement on maps to outdoors (using paces or tape).	• I can use the zoom function to locate places. • I can use the zoom function to explore places at different scales. • I can add a range of annotation labels and text to help me explain features and places. • I can highlight an area on a map and measure it using the Area Measurement Tool. • I can use grid references in the search function • I can use the grid reference tool to record a location. • I can highlight areas within a given radius. • I can add photographs to specific locations.

Work confidently with:	Have experience of:	Introduce:	Context/scale:	Suggested activities:
• 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.	• **a range of different maps** - tourist brochure, - paper and digital maps, - storybook maps, - atlases, - Ordnance Survey paper - digital maps at different scales, • 6-figure coordinates.	• what 6-figure Grid References mean, • 8 cardinal points, • greater independence in using digital mapping tools.	• a range of places in **the wider locality** and in **contrasting localities** • fieldwork in the wider locality. • Europe • Beginning to understand global scale	• Treasure Hunt • Picture Detectives • Artful Maps • Patterns of land use • Flying High: White –Tailed Eagles • Teifi Travels • A Taste of Scotland • Landscape Fingerprints

Progression in Map Work Skills

	Using And Interpreting Maps	Position And Orientation	Map Drawing	Map Symbols	Perspective And Scale	Digital Map Making
Year 5 and Year 6	• I can relate maps to each other and to vertical aerial photographs. • I can follow routes on maps saying what is seen. • I can use index and contents page of atlas. • I can use thematic maps for specific purposes. • I know that purpose, scale, symbols and style are related. • I can appreciate different map projections. • I can interpret distribution maps and use thematic maps for information • I can follow a route on 1:50 000 Ordnance Survey map; • I can describe and interpret relief features.	• I can use 4 and 6- figure coordinates to locate features. • I can give directions and instructions to 8 cardinal points. • I can align a map with a route. • I can use latitude and longitude in an atlas or globe.	• I can make sketch maps of an area using symbols and key. • I can make a plan for example, garden, play park; with scale. • I can design maps from descriptions. • I can draw thematic maps for example, local open spaces. • I can draw scale plans.	• I can use agreed and Ordnance Survey symbols. • I appreciate maps cannot show everything. • I can use standard symbols • I know 1:50.000 symbols and atlas symbols.	• I can use a range of viewpoints up to satellite. • I can use models and maps to talk about contours and slope. • I can use a scale bar on all maps. • I can use a linear scale to measure rivers. • I can describe height and slope using maps, fieldwork and photographs. • I can read and compare map scales. • I can draw measured plans for example, from field data.	• I can find 6-figure grid references and check using the Grid Reference Tool. • I can combine area and point markers to illustrate a theme. • I can use maps at different scales to illustrate a story or issue • I can use maps to research factual information about locations and features. • I can use linear and area measuring tools accurately.

Work confidently with:	Have experience of:	Introduce:	Context/scale:	Suggested activities:
• Large scale street maps • 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.	• a range of different maps - tourist brochure, - paper and digital maps, - storybook maps, - atlases, - Ordnance Survey paper and digital maps at different scales, - 6-figure coordinates	• what 6 figure Grid References mean and how to calculate them.	• a range of places at different scales and with different themes, • fieldwork in the wider and distant locality. • Global scale	• 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

Progression in Map Work Skills

Skill type	Year 1 and 2	Year 3 and 4	Year 5 and 6
Using And Interpreting Maps	• I can find information on aerial photographs. • I know that maps give information about the world (where and what?). • I can follow a route on a prepared map. • I can recognise simple features on maps such as buildings, roads and fields. • I recognise that maps need a title. • I can use maps to talk about everyday life for example, where I live, journey to school, where places are in a locality. • I can begin explaining why places are where they are.	• I can use atlases, maps and globes. • I can use large scale maps outside. • I can use maps at more than one scale. • I can make and use simple route maps. • I can locate photos of features on maps. • I can use oblique and aerial views. • I can recognise some patterns on maps and begin to explain what they show. • I can give maps a title to show their purpose. • I can use thematic maps. • I can explain what places are like using maps at a local scale. • I recognise that **contours** show height and slope.	• I can relate maps to each other and to vertical aerial photographs. • I can follow routes on maps saying what is seen. • I can use index and contents page of atlas. • I can use thematic maps for specific purposes. • I know that purpose, scale, symbols and style are related. • I can appreciate different map projections. • I can interpret distribution maps and use thematic maps for information • I can follow a route on 1:50 000 Ordnance Survey map; • I can describe and interpret relief features.
Position And Orientation	• I am beginning to use directional vocabulary. • I can say which direction N,S,E,W is for example, using a compass in the playground. • I know which direction N is on an Ordnance Survey map.	• I can use simple grids. • I can give direction instructions up to 8 cardinal points. • I can use 4-figure coordinates to locate features. • I know that 6figure Grid References can help you find a place more accurately than 4- figure coordinates.	• I can use 4 and 6- figure coordinates to locate features. • I can give directions and instructions to 8 cardinal points. • I can align a map with a route. • I can use latitude and longitude in an atlas or globe.
Map Drawing	• I can draw a simple map (real or imaginary place) for example, freehand maps of gardens, watery places, route maps, places in stories.	• I can make a map of a short route with features in correct order. • I can make a map of small area with features in correct places.	• I can make sketch maps of an area using symbols and key. • I can make a plan for example, garden, play park; with scale. • I can design maps from descriptions. • I can draw thematic maps for example, local open spaces. • I can draw scale plans.
Map Symbols	• I can use symbols on maps (own and class agreed symbols). • I know that symbols mean something on maps. • I can find a given Ordnance Survey symbol on a map with support. • I am beginning to realise why maps need a key.	• I can use plan views regularly. • I can give maps a key with standard symbols. • I can use some Ordnance Survey style symbols.	• I can use agreed and Ordnance Survey symbols. • I appreciate maps cannot show everything. • I can use standard symbols • I know 1:50.000 symbols and atlas symbols.
Perspective And Scale	• I can look down on objects and make a plan for example, on desk, high window to playground. • I can draw objects to scale (for example, on table or tray using squared paper 1:1 first, then 1:2 and so on). • I can use large scale, vertical aerial photographs. • I know that when you 'zoom in' you see a smaller area in more detail.	• I can use maps and aerial views to help me talk about for example, views from high places • 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.* • I can use the scale bar to estimate distance. • I can use the scale bar to calculate some distances. • I can relate measurement on maps to outdoors (using paces or tape).	• I can use a range of viewpoints up to satellite. • I can use models and maps to talk about contours and slope. • I can use a scale bar on all maps. • I can use a linear scale to measure rivers. • I can describe height and slope using maps, fieldwork and photographs. • I can read and compare map scales. • I can draw measured plans for example, from field data.
Digital Map Making	• I can find places using a postcode or simple name search. • I can add simple information to maps for example, labels and markers. • I can draw around simple shapes and explain what they are on the map for example, houses. • I can use the measuring tool with support to show distance e.g. my house to school, to the shops. • I can zoom in and out of a map. • I can draw a simple route. • I can highlight areas. • I can add an image to a map.	• I can use the zoom function to locate places. • I can use the zoom function to explore places at different scales. • I can add a range of annotation labels and text to help me explain features and places. • I can highlight an area on a map and measure it using the Area Measurement Tool. • I can use grid references in the search function • I can use the grid reference tool to record a location. • I can highlight areas within a given radius. • I can add photographs to specific locations.	• I can find 6-figure grid references and check using the Grid Reference Tool. • I can combine area and point markers to illustrate a theme. • I can use maps at different scales to illustrate a story or issue • I can use maps to research factual information about locations and features. • I can use linear and area measuring tools accurately.
Work confidently with:	• Large scale street maps • large scale Ordnance Survey maps (1:1250. 1:2500) • aerial photographs • games with maps • globes.	• 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.	• Large scale street maps • 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 maps, storybook maps, Ordnance Survey digital maps at different scales and globes and atlases.	• **a range of different maps** - tourist brochure, - paper and digital maps, - storybook maps, - atlases, - Ordnance Survey paper - digital maps at different scales, - 6-figure coordinates.	• **a range of** different maps - tourist brochure, - paper and digital maps, - storybook maps, - atlases, - Ordnance Survey paper and digital maps at different scales, - 6-figure coordinates
Introduce:	• simple grids • four cardinal points, • basic digital mapping tools, • zoom function of digital maps.	• what 6-figure Grid References mean, • 8 cardinal points, • greater independence in using digital mapping tools.	• what 6 figure Grid References mean **and how to calculate them.**
Context/scale:	• focus on **the local scale**: home, school, neighbourhood, everyday lives (their own and others) • work in the school grounds; • exposure to the global scale – world maps, globes and through story.	• a range of places in **the wider locality** and in **contrasting localities** • fieldwork in the wider locality. • Europe • Beginning to understand and use global scale	• a range of places at different scales and with different themes, • fieldwork in the wider and distant locality. • Global scale