PROGRESSION IN MAPPING MARY DEAN’S CE PRIMARY

| **KS1** |  |  |  |  |  |  |
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| **Using and Interpreting** | **Position and orientation** | **Drawing** | **Symbols** | **Perspective and scale** | **Digital map making** | **Work confidently with:** |
| 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 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 draw a simple map (real or imaginary place) for example, freehand maps of gardens, watery places, route maps, places in stories. | 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 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 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 for example, 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. | • Large scale street maps and large scale • Ordnance Survey maps (1:1250. 1:2500) • Aerial photographs• Games with maps and globes. **Have experience of:** • a range of different maps for example, tourist brochure, paper maps, storybook maps, • Ordnance Survey digital maps at different scales, • globes and atlases. **Introduce:** • simple grids, • four cardinal points, • basic digital mapping tools, • zoom function of digital maps. **Context:** • focus on the local scale - home, school, neighbourhood, everyday lives (their own and others), work in the school grounds. • global scale – world maps, globes and through story. |
| **LKS2** |  |  |  |  |  |  |
| **Using and interpreting**  | **Position and orientation**  | **Drawing**  | **Symbols** | **Perspective and scale** | **Digital map making** | **Work confidently with:** |
| 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 6 figure 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: • 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 |
| **UKS2** |  |  |  |  |  |  |
| **Using and interpreting** | **Position and orientation** | **Drawing** | **Symbols** | **Perspective and scale** | **Digital map making** | **Work confidently with:** |
| 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 | 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. |