

<u>Geographical Skills</u>				Revision undertaken
Cartographic Skills				
<p>Atlas Maps:</p> <ul style="list-style-type: none"> • I can use and understand coordinates – latitude and longitude • I can recognise and describe distributions and patterns of both human and physical features • I can use maps to identify and describe significant features of the physical and human landscape eg population distribution, population movements, transport networks, settlement layout, relief and drainage. • I can analyse the inter-relationships between physical and human factors on maps and establish associations between observed patterns on thematic maps. 				
<p>Ordnance Survey Maps:</p> <ul style="list-style-type: none"> • I can use and interpret OS maps at a range of scales (and other maps appropriate to the topic) • I can use and understand coordinates – four and six-figure grid references. • I can use and understand scale, distance and direction – measure straight and curved line distances using a variety of scales. • I can use and understand gradient, contour and spot height. • I can use numerical and statistical information. • I can identify basic landscape features and describe their characteristics from map evidence. • I can identify major relief features on maps and relate cross-sectional drawings to relief features. • I can draw inferences about the physical and human landscape by interpretation of map evidence, including patterns of relief, drainage, settlement, communication and land-use. • I can interpret cross sections and transects of physical and human landscapes. • I can describe the physical features as they are shown on large scale maps of coastal and fluvial landscapes. • I can infer human activity from map evidence, including tourism. 				
<p>Maps in associate with photographs:</p> <ul style="list-style-type: none"> • I can compare maps • sketch maps: I can draw, label, understand and interpret them. • Photographs: I can use and interpret ground, aerial and satellite photographs. • I can describe human and physical landscapes (landforms, natural vegetation, land-use and settlement.) • I can draw sketches from photographs. • I can label and annotate diagrams, maps, graphs, sketches and photographs. 				
Graphical skills				
<ul style="list-style-type: none"> • I can select and construct appropriate graphs and charts to present data, using appropriate scales – line charts, bar charts, pie charts, pictograms, histograms with equal class intervals, divided bar, scatter graphs, and population pyramids. • I can suggest an appropriate form of graphical representation for the data provided. • I can complete a variety of graphs and maps – choropleth, isoline, dot maps, desire lines, proportional symbols and flow lines. • I can use and understand gradient, contour and value on isoline maps. • I can plot information on graphs when axes and scales are provided. • I can interpret and extract information from different types of maps, graphs and charts, including population pyramids, choropleth maps, flow-line maps, dispersion graphs. • 				

<u>Geographical Skills (continued)</u>				Revision undertaken
Numerical skills				
<ul style="list-style-type: none"> • I can demonstrate an understanding of number, area and scales and the quantitative relationships between units. • I can design fieldwork data collection sheets and collection sheets and collect data with an understanding of accuracy, sample size and procedures, control groups and reliability. • I understand and correctly use proportion and ratio, magnitude and frequency. • I can draw informed conclusions from numerical data. 				
Statistical skills				
<ul style="list-style-type: none"> • I can use appropriate measures of central tendency, spread and cumulative frequency (median, mean, range, quartiles and inter-quartile range, mode and modal class.) • I can calculate percentage increase or decrease and understand the use of percentiles. • I can describe relationships in bivariate data: sketch trend lines through scatter plots, draw estimated lines of best fit, make predictions, interpolate and extrapolate trends. • I can be able to identify weaknesses in selective statistical presentation of data. 				
Use of qualitative and quantitative data				
<ul style="list-style-type: none"> • I can use qualitative and quantitative data from both primary and secondary sources to obtain, illustrate, communicate, interpret, analyse and evaluate geographical information. • Data types: Maps, fieldwork data, geospatial data (GIS), satellite imagery, written and digital sources, visual and graphical sources, numerical and statistical information 				
Formulate enquiry and argument				
<p>I demonstrate the ability to:</p> <ul style="list-style-type: none"> • Identify questions and sequences of enquiry • Write descriptively, analytically and critically • Communicate their ideas effectively • Develop an extended written argument • Draw well-evidenced and informed conclusions about geographical questions and issues 				
Literacy				
<ul style="list-style-type: none"> • I can communicate information in ways suitable for a range of target audiences. • I have good literacy skills [SPaG]. 				