

		Year 7	Year 8	Year 9	Year 10	Year 11
Atlas maps:	<ul style="list-style-type: none"> • use and understand coordinates – latitude and longitude 	HT1 - map skills HT2 - Weather and climate		HT2 - Hot deserts HT5 - Rainforest	HT2 - Extreme weather	HT6 - Revision
	<ul style="list-style-type: none"> • recognise and describe distributions and patterns of both human and physical features 			HT6 - Field work skills	HT6 - Field work skills	HT6 - Field work skills
	<ul style="list-style-type: none"> • maps based on global and other scales may be used and students may be asked to identify and describe significant features of the physical and human landscape on them, eg population distribution, population movements, transport networks, settlement layout, relief and drainage 	HT1 - map skills HT5 - Urbanisation	Ht2 - Rivers HT3 - Africa HT4 - Asia	HT5 - Coasts	HT3 - Development	HT1 - Rivers

<ul style="list-style-type: none"> analyse the inter-relationship between physical and human factors on maps and 			HT5 - Coasts		HT1 - Rivers
	Year 7	Year 8	Year 9	Year 10	Year 11

<ul style="list-style-type: none"> use and interpret OS maps at a range of scales, including 1:50 000 and 1:25 000 and other maps appropriate to the topic use and understand coordinates – four and six-figure grid references use and understand scale, distance and direction – measure straight and curved line distances using a variety of scales use and understand gradient, contour and spot height numerical and statistical information 	HT1 - map skills	HT3 Africa HT5 - Asia	HT5 - Coasts		HT1 - Rivers
	HT1 - map skills	HT2 - Rivers HT3 Africa HT5 - Asia	HT5 - Coasts	HT3-4 - Development	HT1 - Rivers HT6 - Revision
	HT1 - map skills	HT3 Africa HT5 - Asia			
	HT1 - map skills	HT3 Africa HT5 - Asia	HT5 - Coasts	HT3-4 - Development	HT1 - Rivers HT6 - Revision
	HT 4 - Development		Ht4 - Food management	HT3-4 - Development	

Ordnance Survey maps:

- identify basic landscape features and describe their characteristics from map evidence
- identify major relief features on maps and relate cross-sectional drawings to relief features
- draw inferences about the physical and human landscape by interpretation of map evidence, including patterns of relief, drainage, settlement, communication and land-use
- interpret cross sections and transects of physical and human landscapes

HT1 - map skills	HT3 Africa HT5 - Asia	HT5 - Coasts	HT3 - UK changing economy.	HT1 - Rivers
HT1 - map skills	HT3 Africa HT5 - Asia	HT5 - Coasts		HT1 - Rivers
HT5 - Urbanisation	HT2 - Rivers HT3 - Africa HT5 - Asia			HT1 - Rivers HT2 - Urbanisation
		HT6 - Field work ski	HT6 - Field work ski	HT1 - Field work skills

- describe the physical features as they are shown on large scale maps of two of the following landscapes – coastlines, fluvial and glacial landscapes

- infer human activity from map evidence, including tourism.

Maps in association with photographs:

- be able to compare maps

- sketch maps: draw, label, understand and interpret

- photographs: use and interpret ground, aerial and satellite photographs

- describe human and physical landscapes (landforms, natural vegetation, land-use and settlement) and geographical phenomena from photographs

HT1 - map skills	HT6 - Glaciation	HT5 - Coasts		HT1 - Rivers
		HT5 - Coasts		HT1 - Rivers
HT1 - map skills	HT3 - Africa HT5 - Asia			
		HT6 - Field work skills	HT6 - Field work skills	HT1 - Field work skills
	HT2 - Rivers HT4 - Coasts	HT5 - Coasts		HT1 - Rivers
HT5 - Urbanisation				HT2 - Urbanisation

<ul style="list-style-type: none"> draw sketches from photographs label and annotate diagrams, maps, graphs, sketches and photographs. 			HT6 - Field work skills	HT6 - Field work skills	HT1 - Field work skills
		HT1 - Climate change	HT2 - Hot deserts HT5 - Rainforest HT6 - Field work Skills	HT3 - Development HT6 - Field work skills	HT1 - Rivers HT1 - Field work Skills HT4 - Revision
	Year 7	Year 8	Year 9	Year 10	Year 11

<ul style="list-style-type: none"> select and construct appropriate graphs and charts to present data, using appropriate scales <ul style="list-style-type: none"> line charts, bar charts, pie charts, pictograms, histograms with equal class intervals, divided bar, scattergraphs, and population pyramids suggest an appropriate form of graphical representation for the data provided 			HT2 - Hot deserts HT5 - Rainforest HT6 - Field work Skills	HT3 - Development HT6 - Field work skills	HT1 - Rivers HT1 - Field work Skills HT4 - Revision
		HT1 - Climate change HT3 - Africa	HT2 - Hot deserts HT5 - Rainforest HT6 - Field work Skills	HT3 - Development HT6 - Field work skills	HT1 - Rivers HT1 - Field work Skills HT4 - Revision
ö		HT1 - Climate change	HT2 - Hot deserts HT5 - Rainforest HT6 - Field work Skills	HT3 - Development HT6 - Field work skills	HT1 - Rivers HT1 - Field work Skills HT4 - Revision

Graphical skills t

- complete a variety of graphs and maps – choropleth, isoline, dot maps, desire lines, proportional symbols and flow lines
- use and understand gradient, contour and value on isoline maps
- plot information on graphs when axes and scales are provided
- interpret and extract information from different types of maps, graphs and charts, including population pyramids, choropleth maps, flow-line maps, dispersion graphs.

	Year 7	Year 8	Year 9	Year 10	Year 11
	HT1 - map skills HT2 - Weather and climate	HT1 - Climate change HT3 - Africa	HT2 - Hot deserts HT5 - Rainforest HT6 - Field work Skills	HT3 - Development HT6 - Field work skills	HT1 - Rivers HT1 - Field work Skills HT4 - Revision
	HT1 - map skills HT2 - Weather and climate	HT2 - Rivers HT4 - Coasts	HT5 - Coasts		HT1 - Rivers
		HT1 - Climate chan	HT2 - Hot deserts HT5 - Rainforest HT6 - Field work	HT3 - Development HT6 - Field work skills	HT1 - Rivers HT1 - Field work Skills HT4 - Revision
	HT1 - map skills HT3 - Development	1 - Climate chan	HT2 - Hot deserts HT5 - Rainforest HT6 - Field work Skills	HT3 - Development HT6 - Field work skills	HT1 - Rivers HT1 - Field work Skills HT4 - Revision

<ul style="list-style-type: none"> • demonstrate an understanding of number, area and scales, and the quantitative relationships between units 	HT1 - map skills		HT6 - Field work ski	HT6 - Field work ski	HT1 - Field work skills
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Numerical skills to:	<ul style="list-style-type: none"> design fieldwork data collection sheets and collect data with an understanding of accuracy, sample size and procedures, control groups and reliability 			HT6 - Field work skills	HT6 - Field work skills	HT1 - Field work skills HT4 - Revision
	<ul style="list-style-type: none"> understand and correctly use proportion and ratio, magnitude and frequency 			HT6 - Field work skills	HT6 - Field work skills	HT1 - Field work skills
	<ul style="list-style-type: none"> draw informed conclusions from numerical data. 			HT6 - Field work skills	HT6 - Field work skills	HT1 - Field work skills HT4 - Revision

Year 7

Year 8

Year 9

Year 10

Year 11

skills to:	<ul style="list-style-type: none"> use appropriate measures of central tendency, spread and cumulative frequency (median, mean, range, quartiles and inter-quartile range, mode and modal class) 			HT6 - Field work skills	HT6 - Field work skills	HT1 - Field work skills HT4 - Revision
	<ul style="list-style-type: none"> calculate percentage increase or decrease and understand the use of percentiles 			HT6 - Field work skills	HT6 - Field work skills	HT1 - Field work skills HT4 - Revision

Statistical :

- describe relationships in bivariate data: sketch trend lines through scatter plots, draw estimated lines of best fit, make predictions, interpolate and extrapolate trends
- be able to identify weaknesses in selective statistical presentation of data.

		HT6 - Field work skills	HT6 - Field work skills	HT1 - Field work skills
		HT6 - Field work skills	HT6 - Field work skills	HT1 - Field work skills HT4 - Revision

