



Geography Curriculum Knowledge Map – Reception

Units to be covered			
Revision/consolidation	Key facts, knowledge and skills	Key composite tasks	vocabulary
	<p>To use accurate words to describe the environment they live and play in</p> <p>To talk about the features of their own immediate environment and how environments might vary from one another.</p> <p>Express opinions on what they see in their local environment</p>	<p>Explore their local environment by talking to people, examining photographs and simple maps and taking part in exploration walks in their immediate school environment.</p> <p>Express opinions on natural and built environments and give opportunities for them to hear different points of view on the quality of the environment.</p> <p>Make simple maps of classroom and playground using drawing and physical resources such as playdough and lego.</p>	<p>town, road, path, field, pond, hedges, garden, woods, forest, house, shop, church, school, map, photograph</p>
End Point - Expectation			
<p>Can use accurate vocabulary to describe some physical and human features of their local environment</p> <p>Can express simple opinions about their local environment</p>			



Geography Curriculum Knowledge Map – Year 1

Units to be covered			
Revision/consolidation	Key facts, knowledge and skills	Key composite tasks	Vocabulary
Use of vocabulary to describe physical and human features of their local environment e.g field, church, quiet etc	<p>Location Knowledge</p> <ul style="list-style-type: none"> To name, locate and identify characteristics of the countries in the UK To compare Whirley’s playground with a small area of another playground and identify and compare human and physical geography To identify seasonal and daily weather patterns in the United Kingdom and the location of hot and cold areas of the world in relation to the Equator and the North and South Poles <p>Fieldwork</p> <ul style="list-style-type: none"> To observe human and physical geography of the school grounds and create a small survey on this <p>Mapwork</p> <ul style="list-style-type: none"> To draw basic plans of a familiar environment To use relative and direction language when using maps To draw a basic map using symbols where appropriate 	<ul style="list-style-type: none"> *Make maps using playdough and drawings to show four countries of the UK and their position relative to each other * Comparison between playgrounds– what is similar what is different *Measure temperature and rainfall levels at Whirley for one week in each season of the year *Compare temperature and rainfall with other location outside UK * Make (using physical resources) maps of school grounds. Describe where features of school grounds are in relation to each other *Draw map of school grounds using symbols 	<p>England, Wales, Northern Ireland, Scotland</p> <p>forest, soil, season and weather city, farm, house, office, and shop</p> <p>bigger, smaller, like, dislike near and far, up and down, left and right, forwards and backwards</p>
End Point - Expectation			
<p>Can name countries of the United Kingdom</p> <p>Can explain in simple language seasonal weather patterns in the UK</p> <p>Can give two simple similarities and differences between Macclesfield and another location</p> <p>Can draw a simple map of the school grounds using appropriate symbols</p>			

Geography Curriculum Knowledge Map – Year 2

Units to be covered			
Revision/consolidation	Key facts, knowledge and skills	Key composite tasks	vocabulary
<p>Countries of the UK North/South Pole Maps of school grounds</p>	<p>Location Knowledge Locate and name on a world map and globe the seven continents and five oceans. Name locate and identify the characteristics of the UK's four capital cities, rivers, mountains/ surrounding seas.</p> <p>Fieldwork To use basic observational skills to observe the human and physical geography of local surroundings (Bodmin Park) To carry out a small survey of the school's surrounding area Ask a familiar person prepared questions Use a pro-forma to collect data e.g. tally survey Use aerial photographs and plan perspectives to recognise landmarks and basic human and physical features Create plans in their familiar environment and add labels onto a sketch map, map or photograph of features</p> <p>Map Skills Follow a route on a map Use simple compass directions (North, South, East, West) Making maps: Draw or make a map of local area (Bodmin Park) Use and construct basic symbols in a key Use photographs and maps to identify features</p>	<p>*Make maps using playdough and drawings to show four capitals of the UK, major rivers, mountains and their relative position to each other * Label continents and oceans of the world. Learn their names using acronym, word searches etc *Explore Bodmin Park; take photographs * Complete data collection sheet on wildlife at Bodmin Park in Winter and Summer *Make Map with basic symbols of Bodmin Park; Use simple compass directions (N, S, E, W) and locational/ directional language [e.g., near & far; left & right], to describe location of features.</p>	<p>hill, mountain, sea, ocean, continent, river, lake, reservoir, valley, vegetation town, village, city, capital, factory, north, south, west, east</p>
End Point - Expectation			
<p>Can name the capital cities of the UK, two major rivers and one of the tallest mountains in UK Can name four of the seven continents and three of the five Oceans Can describe in simple terms the physical features of Bodmin Park Can follow a simple map using four compass points Can draw a map of local area using appropriate symbols</p>			

Science Curriculum Knowledge Map – Year 3

Units to be covered			
Revision/consolidation	Key facts, knowledge and skills	Key composite tasks	vocabulary
<p>Countries of the UK Rivers of the UK Continents and oceans</p>	<p>Location Knowledge Name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, key topographical features including mountains.</p> <p>Place Knowledge Understand geographical similarities and differences through the study of human and physical geography of Macclesfield and a region in Europe.</p> <p>Human and Physical geography Describe and understand key aspects of physical geography including mountains</p> <p>Fieldwork To use a simple database to present findings from fieldwork Ask geographical questions To draw an annotated sketch from observation including descriptive / explanatory labels and indicating direction Begin to add titles and labels giving date and location information</p> <p>Map Skills Follow a route on a map with accuracy Locate places on maps including OS & digital Begin to match boundaries (e.g. find same boundary of a country on different scale maps) Use 4 figure compasses, and letter/number co-ordinates to identify features on a map Make a map of a short route experience, with features in current order Create a simple scale drawing Use standard symbols, and understand the importance of a key</p>	<p>*Make maps using playdough and drawings to show counties and major cities of the UK. Add topographical features to their maps to include mountains</p> <p>* Research cities; find key information on their physical and human features. Make presentation to their class on their findings.</p> <p>* Study physical features of Macclesfield. Carry out fieldwork study of Macclesfield Forest.</p> <p>*Compare physical features of Macclesfield with region in Europe outside the UK</p> <p>*Draw sketches with labels showing features of Macclesfield Forest</p> <p>*Identify school and home address on online OS maps.</p> <p>* Draw map which includes Whirley and home address using appropriate symbols</p> <p>* Use co-ordinates and 4 figures of compass to identify places on a simple map</p>	<p>Route, Ordinate survey map, scale Letter and number co-ordinates, mountain, hill, summit, cliff, altitude</p>
End Point - Expectation			
<p>Can name three counties other than Cheshire and understand where they are located in the UK in comparison to Cheshire</p> <p>Can name capitals of the UK and 3 other cities, identifying a key physical/human characteristic of each city.</p> <p>Can give simple physical and human similarities and differences between area of UK and region of Europe</p> <p>Can locate places on a map using number co-ordinates</p> <p>Can draw a map using standard symbols</p>			

Science Curriculum Knowledge Map – Year 4

Units to be covered			
Revision/consolidation	Key facts, knowledge and skills	Key composite tasks	vocabulary
<p>Countries of the UK Rivers of the UK Continents and oceans Follow basic maps accurately Compass points (4 points)</p>	<p>Location Knowledge Locate the world’s countries using maps; focus on European countries and major cities Locate key topographical features of Macclesfield and surrounding area</p> <p>Human and Physical geography Describe and understand key aspects of physical geography including rivers, reservoirs volcanoes and earthquakes and the water cycle</p> <p>Fieldwork Record findings (using appropriate terminology) from fieldtrip to local river. Use a database to present findings Add titles and labels giving date and location information To consider how photo’s provide useful evidence Locate position of a photo on a map</p> <p>Map Skills Follow a route on a large scale map Locate places on a range of maps (variety of scales) Identify features on an aerial photograph, digital or computer map Begin to use 8 figure compass and four figure grid references to identify features on a map Draw a sketch map from a high viewpoint</p>	<p>*Make map of Europe including UK using playdough. Mark major European cities and capitals. * Field trip to River Bollin. *Make sketches from high point and take photos of River Bollin with detailed labelling. Discuss importance of rivers to early settlers. Match photos to sketches. *Research merging of River Bollin and Dean into River Mersey. Discuss importance of River Mersey on settlements and impact on industrial revolution * Locate local reservoirs on maps using 8 figure compass and four figure co-ordinates * Research and learn the stages of the water cycle- complete accurate diagrams of the Water Cycle</p>	<p>Coasts, Rivers , tributary, reservoirs, volcanoes and earthquakes, water cycle, Precipitation, evaporation, condensation Symbols, Key Ordinate survey map, scale, eight point compass North, North East, East, South East, South, South West, West, North West, OS Symbols</p>
End Point - Expectation			
<p>Can name five countries in Europe (outside the UK) and their capital cities Can describe topographical features of their own locality Can describe and explain the water cycle using accurate vocabulary Can locate places on a map using 8 figure compass and four figure grid references</p>			

Science Curriculum Knowledge Map – Year 5

Units to be covered			
Revision/consolidation	Key facts, knowledge and skills	Key composite tasks	vocabulary
<p>Continents Physical features of Macclesfield Following routes on large scale maps. Sketch maps from a high point</p>	<p>Location Knowledge Locate the world's countries using maps including the location of Russia , North and South America concentrating on their environmental regions, key physical and human characteristics, countries and major cities. Develop understanding of Time zones (including day and night) Human and Physical geography Understand geographical similarities and differences through the study of human and physical geography of Cheshire and a region in South/North America Describe and understand key aspects of physical geography including biomes and human geography including the distribution of natural resources including energy, food, minerals and water Fieldwork Use graphs to display some data collected To evaluate the quality of evidence collected To use sketches as evidence in an investigation. To evaluate their sketch against set criteria Annotate some sketches to describe and explain geographical processes and patterns To make a judgement about the best angle or viewpoint when taking an image or completing a sketch Use some photographic evidence in their investigations Begin to evaluate the usefulness of the images Map Skills Compare maps with aerial photographs Select a map for a specific purpose Begin to use atlases to find out other information (e.g. temperature) Find and recognise places on maps of different scales Use 8 figure compasses, begin to use 6 figure grid references. Draw a variety of thematic maps based on their own data Draw a sketch map using symbols and a key, Use and recognise OS map symbols</p>	<p>*Make map of world using playdough; identifying continents with specific focus on North America, South America and position of Russia. * Learn names and positions of significant countries and capital cities in above regions. * Research different environmental regions of North or South America; focus on biomes, natural resources * Study different maps; select suitable map to study range of biomes through out the world * Compare biome that Macclesfield is within, to region of South or North America. Study crops grown in temperate forest biome with desert or tropical rainforest. Study human geography, including: types of settlement, land use, economic activity e.g. trade links *Compare average annual temperatures and rainfall of Cheshire with region of South or North America. Use appropriate graphs to display data and analysis results. *Draw sketch map of North or South America showing countries and Biomes *Research time zone of UK and compare to region of South or North America. Relate to work in Science in Earth and Space *Study maps: identify locations using 6 figure grid references</p>	<p>Russia, North America, South America, region, Biomes, vegetation belts, natural resources, energy, food, minerals, water, rainforest, climate , trade routes, transport routes, energy sources, population, time zones, thematic maps, 6 figure grid reference</p>
End Point - Expectation			
<p>Can describe key physical and human features of a region of South or North America and use precise vocabulary to describe similarities and differences with their own locality Can use an atlas to help describe features of region of South/North America e.g biomes Can begin to use 6 figure grid references to identify locations on a map Can present data collected during a study e.g. annual temperatures in region studied, on to a graph and show clear interpretation of what the data shows</p>			

Science Curriculum Knowledge Map – Year 6

Units to be covered			
Revision/consolidation	Key facts, knowledge and skills	Key composite tasks	vocabulary
<p>Geographical similarities and differences between Cheshire and South America. Understanding time zones Find and recognise places on maps of different scales Use 8 figure compasses, begin to use 6 figure grid references</p>	<p>Location Knowledge Develop knowledge and understanding of land pattern use in Macclesfield/ Cheshire ; and understand how some of these aspects have changed over time. Identify the position and significance of latitude, longitude, Equator, Northern hemisphere, Southern hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones</p> <p>Human and Physical geography Describe and understand key aspects of physical geography including climate zones and vegetation belts. Develop understanding of land use, economic activity and trade links</p> <p>Fieldwork Select appropriate methods for data collection such as interviews Use a database to interrogate/amend information collected Evaluate the quality of evidence collected and suggest improvements Annotate sketches to describe and explain geographical processes and patterns Make a judgement about the best angle or viewpoint when taking an image or completing a sketch Use photographic evidence in their investigations Evaluate the usefulness of the images</p> <p>Map Skills Follow a short route on a OS map Describe the features shown on an OS map Use atlases to find out data about other places Use 8 figure compass and 6 figure grid reference accurately Use lines of longitude and latitude on maps Draw plans of increasing complexity Begin to use and recognise atlas symbols</p>	<p>*Carry out local walk to note where housing has been developed over last 100 years. Make use of websites to see how Macclesfield has developed since Victorian ages. *Interview older residents of Macclesfield to learn how physical and human geography of local area has changed. *Sketch comparison maps of Whirley Road one hundred years ago and now using Archi UK website and OSMaps. * Draw accurate map of local area using OS symbols. Identify position of different landmarks using 6 figure co-ordinates. *Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle *Name time zones different cities and countries are in using line of Meridian/GMT</p>	<p>Latitude, longitude, equator, Northern hemisphere, Southern hemisphere, Tropics of Cancer, Tropic of Capricorn, Arctic and Antarctic Circle, Prime/Greenwich Meridian and time zones climate zones, vegetation belts</p>
<p>End Point – Expectation Can describe key changes to physical and human features of Macclesfield in last 100 years. Can use 8 figure compass and 6 figure grid reference accurately to identify local landmarks Can identify areas of the world using latitude and longitude Can identify Northern hemisphere, Southern hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle on a map Can explain Prime Meridian and make link with time zones</p>			

