



Girton Glebe Primary School Curriculum Organiser

Year 6 (Oak Class)

Summer 1

Key Skills

Geography:

- 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 (including day and night).
- Use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world.
- Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied.
- Use satellite imaging and maps of different scales to find out geographical information about a place.
- Use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies.
- Describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle.

Our Changing World

This topic continues into Summer 2, where we will look in more detail about the way in which our world is changing. This term will focus on understanding the world around us.



Key Vocabulary

longitude	latitude	equator	Northern hemisphere
Southern hemisphere	Tropic of Cancer	Tropic of Capricorn	Arctic Circle
Antarctic Circle	Prime Meridian	Greenwich Mean Time	grid reference
scale	Ordnance Survey Maps	satellite imaging	fieldwork
climate zones	biomes	vegetation belts	water cycle
export	import	global warming	contour lines

Key Knowledge

Geography:

- The Northern Hemisphere is the part of Earth that is to the north of the equator. The Southern Hemisphere is the part of Earth that is to the south of the equator. The Prime Meridian is the imaginary line from the North Pole to the South Pole that passes through Greenwich in England and marks 0° longitude, from which all other longitudes are measured.
- The Tropic of Cancer and the Tropic of Capricorn are at 23.5° north and south of the equator. The Arctic Circle and Antarctic Circle are 66.5° north and south of the equator.
- Greenwich Mean Time, or GMT, is taken from the Prime Meridian. There are 24 time zones around the world because there are 24 hours in a day. The times are calculated from GMT. Times to the east of the Prime Meridian are ahead of GMT (GMT+), times to the west are behind GMT (GMT-).
- Satellite images are photographs of Earth taken by imaging satellites.
- Distances on maps can be measured using grid lines, the scale, a ruler, a finger, string and the scale bar.
- A grid reference is a set of numbers that describes a position on a map. Contour lines join points of equal height above sea level and show an area's terrain. Map symbols are pictures or icons that represent physical and human features.



<p>English:</p> <p>In English, we will focus on writing a range of different genres and audiences, through writing workshops taught by IVC teachers.</p> <p>We will also continue consolidating our understanding of the following grammar:</p> <ul style="list-style-type: none"> • Using colons, semi-colons and dashes to mark boundaries between independent clauses • Using colons to introduce a list and semi-colons between items in a list • Using hyphens to avoid ambiguity • Identifying subjects and objects within sentences and whether a sentence is active or passive • Understanding the relationship between synonyms and antonyms and giving examples of these • Using a wider range of cohesive devices to link ideas within and across paragraphs • Understanding the difference between formal and informal register and using the subjunctive form where appropriate 	<p><i>Some learning will continue from last half-term:</i></p> <p>Science: This half-term our topic will be Living Things and Their Habitats. The skills covered will include:</p> <ul style="list-style-type: none"> • Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird • Describe the life process of reproduction in some plants and animals <p>R.E: We will be looking again at Islam, focusing on the key question: Does belief in Akhirah (life after death) help Muslims to lead good lives? The skills covered will include:</p> <ul style="list-style-type: none"> • Give examples of times my choices have been influenced and may have changed when I considered the consequences that might follow • Explain how believing in Akhirah influences Muslims to do their best to lead good lives • Recognise what motivates or influences me to lead a good life and compare it with what motivates and influences Muslims • Ask questions about life after death and explore how what I believe about this might influence my life 	<p>Maths: Maths will focus on revising and practising key skills, in fun, active Maths lessons focusing on mental maths and retrieval skills.</p> <p>The skills covered will include:</p> <ul style="list-style-type: none"> • Read and interpret pie charts • Accurately draw pie charts • Calculate the mean from a data set • Add and subtract mixed numbers • Multiply and divide mixed numbers by integers • Add, subtract, multiply and divide using numbers with up to 3 decimal places • Identify the properties of 2D and 3D shapes, identifying and naming these • Calculate missing angles from known information • Solve problems involving area, perimeter and volume of shapes • Translate and reflect shapes in all 4 quadrants • Use co-ordinates accurately • Calculate fractions of amounts • Calculate percentages of amounts • Round decimals to the nearest whole • Round decimals to one decimal place • Multiply and divide numbers involving decimals by 10, 100 and 1000 • Convert between units of measure
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<p>Music: With Mrs Hamilton, we will continue to cover the following skills:</p> <ul style="list-style-type: none"> - Perform as part of an ensemble - Use our voices confidently - Improvise and compose using variations on a simple idea - Develop an understanding of texture and layers in music - Use rhythm to change an original idea 	<p>PE: PE this half-term will be Swimming Swimming (Monday AM and Friday PM)</p> <p>Skills that will be covered:</p> <ul style="list-style-type: none"> • Rotation • Sculling • Treading water • Gliding • Front crawl • Backstroke • Breaststroke • Surface dives • Floating • Huddle • H.E.L.P position 	<p>Class notices</p> <ul style="list-style-type: none"> • PE is on Monday and Friday afternoons. Please ensure that your child has swimming kit AND PE kit on these days. They should come to school in school uniform and will leave in uniform.
<p>We will also be rehearsing for The Lion King and performing our end of year production on 11th and 13th July, as well as beginning to prepare for transitioning to secondary school.</p>	<p>PSHE: We will be exploring the theme of “Changing Me” through our Jigsaw PSHE Scheme. This will cover SRE and transition and some sessions will be taught by Mr Gee from IVC.</p> <p>This topic will cover:</p> <ul style="list-style-type: none"> • Self-image and body image • Puberty and feelings • Conception to birth • Reflections about change • Physical attraction Respect and consent • Boyfriends and girlfriends • Sexting • Transition to secondary school 	<p>Computing: Mr Meachen will continue to teach Computing every Wednesday. This half-term, we will be using iCommuciate to:</p> <p>Work to design and create a new website for Junior Jam. Pupils will be given design briefs to follow which will aid their design process. The websites will include elements of HTML coding as well as using a WYSIWYG developing app to help visualise their designs. The websites must include several different elements including a video game that pupils must also design and create as part of the course.</p>