

# Geography at Ditton Lodge



# Intent



At Ditton Lodge, our vision statement is 'Together we succeed as lifelong learners'.

This is seen in every area of the curriculum including Geography.

We know the value of being able to LEARN (Listen, Enjoy & take risks, Aim high & achieve, Respect and Never give up). These school values will be demonstrated by students within each lesson.

Our aim is to develop children's interest, knowledge and respect for the diverse places, people and resources around us.

This is made possible by a thorough understanding of physical and human processes, and the interaction of the two.

# Geography



Children at Ditton Lodge are encouraged to observe, appreciate and understand the wonderful diversity around them. They are clearly taught the human and physical processes geographical processes.

Together, this appreciation and knowledge leads to a genuine fascination and desire to aim high and achieve.

The effects of humans on the planet is something children need to be sensitively made aware of in order for them to make informed decisions as they grow older.

Fieldwork is a vital part of putting geographical knowledge into practise, giving children the opportunity to actively observe and take pride in the features of their community.



Prior knowledge is built on through a carefully planned sequences of lessons.

Tasks are designed for children to learn, explore, then demonstrate the knowledge acquired in each lesson.

# Geography



As stated in the national curriculum, we aim to ensure that all pupils:

- develop contextual knowledge of the location of globally significant places both terrestrial and marine – including their defining physical and human characteristics and how these provide a geographical context for understanding the actions of processes
- understand the processes that give rise to key physical and human geographical features of the world, how these are interdependent and how they bring about spatial variation and change over time
- are competent in the geographical skills needed to:
  - -collect, analyse and communicate with a range of data gathered through experiences of fieldwork that deepen their understanding of geographical processes
  - -interpret a range of sources of geographical information, including maps, diagrams, globes, aerial photographs and Geographical Information Systems
  - -communicate geographical information in a variety of ways, including through maps, numerical and quantitative skills and writing at length.







page 1 of 3

The aims of the Syllabus are that students in KS1 will use:

### **Locational knowledge:**

name and locate the world's seven continents and five oceans

name, locate and identify characteristics of the four countries and capital cities of the United Kingdom and its surrounding seas



understand geographical similarities and differences through studying the human and physical geography of a small area of the United Kingdom, and of a small area in a contrasting non-European country



continued



page 2 of 3

### **Human and physical geography**

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

use basic geographical vocabulary to refer to:

key physical features, including: beach, cliff, coast, forest, hill, mountain, sea, ocean, river, soil, valley, vegetation, season and weather

key human features, including: city, town, village, factory, farm, house, office, port, harbour and shop



continued

page 3 of 3



### The aims of the Syllabus are that students in KS1:

### Geographical skills and fieldwork

- use world maps, atlases and globes to identify the United Kingdom and its countries, as well as the countries, continents and oceans studied at this key stage
- use simple compass directions (North, South, East and West) and locational and directional language [for example, near and far; left and right], to describe the location of features and routes on a map
- use aerial photographs and plan perspectives to recognise landmarks and basic human and physical features; devise a simple map; and use and construct basic symbols in a key
- use simple fieldwork and observational skills to study the geography of their school and its grounds and the key human and physical features of its surrounding environment.



page 1 of 3

The aims of the Syllabus are that students in KS2 can:

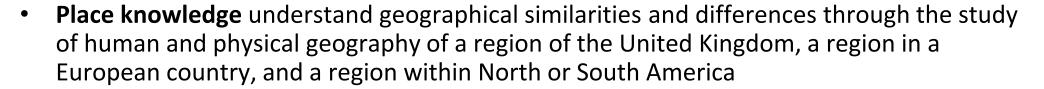
### **Locational knowledge**

- locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities
- name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; 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 (including day and night)

# Intent

# National Curriculum aims KS2

page 2 of 3



- Human and physical geography describe and understand key aspects of:
   physical geography, including:
  - climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle

### human geography, including:

types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water



page 3 of 3

### **Geographical skills and fieldwork**

- use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied
- 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 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.



# **Cross Curricular Links**



Geography provides opportunities for pupils to develop the key skills in:

**English:** opportunities for discussion, orally rehearsing responses to the lesson's learning question, and recording knowledge through the use of bullet points, labelling, and longer pieces of writing in different genres. The subject also builds on students' vocabulary with key words being learned and used in all lessons.

**Maths:** students will interpret, create and present data, use measurements, frequencies and statistics



# Intent

# **Cross Curricular Links**

### **History and Science:**

The sequence of the foundation curriculum is designed so children can build upon learning in a range of disciplines. Year 1, for example, learned about hot and cold climates before moving to the life of a significant individual: the travels around the world of Sir David Attenborough, and then the climate in the UK.

Year 6 were able to use their knowledge from the unit studying the Windrush generation to help them comparing North America to the UK.

17/5	Geography Builds on UK countries / continents
24/5	Introduce Location of hot and cold climates in relation to the Equator
	Unity Y1
31/5	
	Half term
7/6	Design and Technology Introduce Textiles Puppets Kapow Y1
14/6	History Build on lives of significant individuals Introduce more lives of significant individuals Unity Y1
21/6	Science Revisit and retrieve Plants, Animals including Humans Unity Y1 Science Seasonal charges / daily weather





19/10	Geography
	Builds on countries of Europe and the
	world 🥎
	∠ Introducé comparison study UK
	Estrope   N or S America Unity Y6
	-

# **Cross Curricular Links-continued**



### Computing:

Children are encouraged to build on knowledge through using the internet and different programmes selectively. Children apply computing skills to geographical knowledge, for example finding and interpreting weather data and designing an automated weather warning system in year 4. Links to specific websites and reading material are added to Google Classroom for children and their families to access and enjoy at home.

Ditton Lodge also subscribes to DigiMaps for children to access, annotate and save high-quality maps from around the world and see how they have changed over time.







# Geography Implementation



# **Geography in EYFS**



In Reception there are topics lasting two weeks. Within these, the early years framework is used to encourage children to make observations about their surroundings. Similarities and differences between their lives and those of people around the world are incorporated through stories, pictures and festivals.

Teachers in
Key Stage 1 draw
upon previous
coverage of the
Early Learning
Goals and build
on this.



**GEOGRAPHY** 

INTRODUCE

Location study of continents and oceans

Year 1 Autumn Term

### Pupils should be taught about:

### Locational knowledge

- name and locate the world's seven continents and five oceans
- name, locate and identify characteristics of the four countries and capital cities of the United Kingdom and its surrounding seas

### Previous learning: Curriculum Narrative

### **ELG 13 People and communities**

similarities and differences between themselves and others, and among families, communities and traditions.



### ELG 14 The world

similarities and differences in relation to places, objects, materials and living things

# **Geography in KS1**



## Year 1:

Continents, Oceans, UK countries, capitals and seas

name and locate the world's seven continents and five oceans

name, locate and identify characteristics of the four countries and capital cities of the United Kingdom and its surrounding seas

## Study hot and cold locations

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

Revisit Continents, Oceans, UK countries, capitals and seas later in the year



# **Geography in KS1**



## Year 2:

## Human and physical geography in the local area

Recap from Year 1 the United Kingdom and its countries, as well as the terminology and relevance to us of 'port, harbour, urban, rural, coastal'

Study human and physical geography of a small area of United Kingdom, and of a contrasting non-European country

Understand geographical similarities and differences through studying the human and physical geography of a small area of the United Kingdom, and of a small area in a contrasting non-European country

## Fieldwork and map skills

Use simple fieldwork and observational skills to study the geography of their school and its grounds and the key human and physical features of its surrounding environment.



# **Geography in LKS2**



## Year 3:

### **Countries and regions of the UK**

Name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; and understand how some of these aspects have changed over time

## Fieldwork and map skills

Making, reading and using a compass



# Geography in LKS2 Year 4:



## **Study Latitude and Longitude**

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)

### **Rivers**

The study focuses and elaborates the content of Rivers and to support ancient river civilisation explored in the following history learning module. Summer term study that elaborates on Autumn module and connects to the next river civilisation module focusing on the ancient Egyptians

## The Water Cycle

Human and physical geography

# Geography in UKS2 Year 5:



Study location of countries of the world, including biomes

Locational knowledge
Human and physical geography
Geographical skills and fieldwork

## Map skills

Pupils should extend their knowledge and understanding beyond the local area to include the United Kingdom and Europe, North and South America.

This will include the location and characteristics of a range of the world's most significant human and physical features.

They should develop their use of geographical knowledge, understanding and skills to enhance their locational and place knowledge.



# **Geography in UKS2**



## Year 6:

Study and compare places: region in the UK, Europe and North America

This study focuses on the Lake District, Tatra mountains in Poland

and North America – Caribbean.

It links and builds upon the History module studying the Windrush generation.

**Human geography – economic, settlement and trade links** Types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water





# Provision for children with SEN

Lessons are adapted to ensure that all students are supported so they can access the lessons.

There are more challenging aspects of lessons to stretch higher-attaining students, but delivery will vary for those needing more help to achieve the same outcome.

As a result of book monitoring and learning conversations, we are bringing in editable knowledge strips to tailor these for children with specific needs.



# Links to Learning at home



Weblinks are provided for further exploration at home.

### **Digimap for Schools**

https://www.thegeographist.com/uk-cities-population-100/

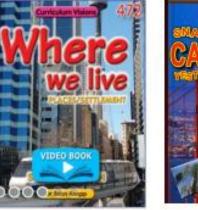
https://earthobservatory.nasa.gov/global-maps/

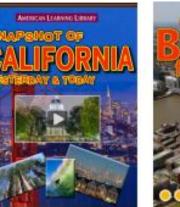
https://digimapforschools.edina.ac.uk/schools/Resources/Pimary/patterns of use.pdf

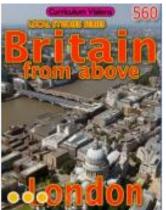
All Geography modules are underpinned by high quality texts which support wider curriculum reading. Unity Schools Partnership are working closely with Curriculum Visions to

ensure our subject content has supporting materials which can be accessed by

pupils in school and at home.

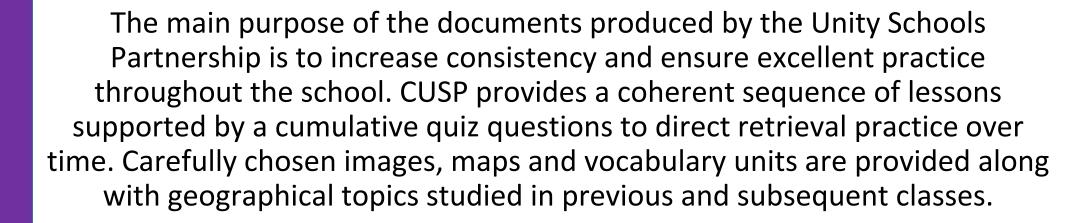






# **CUSP Units of work**

(Curriculum with Unity Schools Partnership)





Ditton Lodge's curriculum subject coverage is planned sequentially and with a clear rationale for making connections with prior learning: selecting, organising and integrating new knowledge with prior learning. Our knowledge and vocabulary-rich learning modules are positioned to support and enhance learning so that pupils both retrieve and transfer knowledge.

# Teaching of geography



It is the gleaning of information through responsive teaching and a range of well-chosen pedagogical practice that informs the next steps, such as:

- Deliberate practice and rephrasing of taught content Think aloud and the use of My Turn, Your Turn
- Cumulative quizzing within the learning sequence.
- Retrieval practice, including just two things (self-testing).
- Asking relevant questions that engage all pupils, not just a few using techniques that allow everyone to participate, such as show what you know or think-pair-share
- Vocabulary use and application: pupils practise and define words.
   Words are used, connected and deconstructed for meaning within the learning sequence.
- Summarising and explaining the learning question from the sequence.

# **Content and Sequence**



At Ditton Lodge, Geography is taught across each year group in modules that enable pupils to carry out an in depth study of a geographical unit of work. Each module aims to activate and build upon prior learning, including across subjects- for example links to the Caribbean through studying the Windrush generation in History linking to a geographical study of that part of the Americas, to ensure better cognition and retention.

Each module is carefully sequenced to enable pupils to build on learning from previous sessions to facilitate the acquisition and retention of key historical knowledge.

All modules have a sequenced overview outlining recommended number of sessions, key concepts, knowledge and vocabulary to be taught. Teachers use this overview to plan individual sessions lasting approximately 45-50 minutes in length.

# Sequences of Learning over a Year

Geography is taught for one week in every 3 as part of a rolling cycle throughout the year: geography, history then alternating computing and music.

This enables children to build on prior knowledge and make connections more easily through in-depth learning over a 6-week cycle that repeats twice a term.

	Weel	k 1	Week	(2	Week	Week 3		Week 4		5	Week 6	
Yr	Geog	Art	Hist	Art	Music	Art	Geog	DT	Hist	DT	Comp	DT
1												
Yr	Hist	Art	Music	Art	Geog	Art	Hist	DT	Comp	DT	Geog	DT
2												
Yr	Music	Art	Geog	Art	Hist	Art	Comp	DT	Geog	DT	Hist	DT
3												
Yr	Geog	Art	Hist	Art	Comp	Art	Geog	DT	Hist	DT	Music	DT
4												
Yr	Hist	Art	Comp	Art	Geog	Art	Hist	DT	Music	DT	Geog	DT
5												
Yr	Comp	Art	Geog	Art	Hist	Art	Music	DT	Geog	DT	Hist	DT
6												





# Vocabulary



Children are taught to correctly use subject-specific vocabulary to describe and explain their knowledge through teachers modelling it verbally and in writing. The use of specific vocabulary is built in to lesson plans, with an expectation that children use it when demonstrating their understanding. Opportunities to use it during discussions and in writing are planned for.

Children are encouraged to look at the etymology of words and know how this can help them understand meanings; links to grammatical word classes are also used to understand how to use words as nouns or verbs etc. As further challenges when appropriate, idioms and colloquialisms linking to the vocabulary or topic are taught.

# Vocabulary- acquisition



Y5 Locating world countries, biomes and vegetation belts

### Vocabulary Essentials: Teacher Guide

Prior vocabulary knowledge					
Words I should know	Roots, prefixes, suffixes and spelling rules				
centimetre, kilometre, thermometer hemisphere local, locality, location, latitude, lateral,	-metre/-meter hemi local lat				
parallel, parameter	para				

### Vocabulary for explicit instruction

<b>(1)</b>
------------

⇒Tier 2 m	ultiple meaning or high frequency			ier 3 subject specif	ic
arid	little or no rain, barren	continent	any of the world's ma continuous expanses		
fertile	fertile antonym for arid - land that can produce abundant vegetation			regions with referenc temperature and dist the equator	
densely	close together, crowded		longitude	the distance of a pla west of the Greenwic measured in degree	Prefix / ! / Root
exceptional	unusual, not typical		equator	an imaginary line arc at equal distances for dividing the earth int and southern hemist	fer min
craggy	rock or rough cliff face		hemisphere	a half of the earth	sect
scenery	natural features of the landscape		biome	a region that has a sp with animals and pla adapted to live there	var

### Etymology and morphology for explicit instruction

Prefix / Suffix / Root		Meaning	Examples				
_	fer	carry	transfer, different, fertile, refer				
min co	min	less, smaller	minimum, minor, minority, miniscule				
	со	with, together	correspond, collaborate, co-ordinate				
sect		cut	section, dissect, intersect				
	var	different, change	vary, variation, variety, various, invariable				

### Relevant idioms and colloquialisms

through thick and thin	to stick with or support someone through good times and bad times. An Old English saying, originally 'through thicket and thin wood', referring to moving through the English countryside, where thick, dense woodland would have been difficult to move through and thin, sparse woodland would have been easy to move through.
	thin, sparse woodland would have been easy to move through.

Moving beyond



gradient







# **Vocabulary- application**



T3 <b>⊜</b>	Subject s	pecific voc	abulary for this stud	y				
KNOW LINK	≪ ANALY	SE 🔊	M Use and a	apply in a sentence	J.C.			
	trade							
	'		OWN-it	Analyse 🔎	KNOW-it	Definition <u>4</u>	Prefix / Suffix / Root	Example
• -			Tick the root word to	hat means <i>across</i> .	Explain the meanin	g of the word <i>trade</i> .		
_	economy		terr trans				trans	
<b>S</b>			Explain the meaning		True	or false?	I	
			root in the word im	migrant.	The word consump energy, food or ma	tion means using	<b>⊘</b> → <b>⊘</b>	
	navigable 	_			energy, jood or ma	terials.		
			Which part of the w with or together?	ord connect means	Tick one. The word	employ means:		
					☐ empty somet	·	co / con / com	
<b>■</b> ●	lowland 				give someone	: u jou	6 6 6 6 - 6 6 - 6 6 6 6 6 6 6 6 6 6 6 6	
			LINK-it	Connect 🚓	USE-it	Use in context		
			Circle the word close location.	est in meaning to		incorrect use?		
**	migrant 		place	nearby	The river was <i>navis</i> so narrow and shal	gable because it was low.	migra	
<b>TF</b> i					Correct	☐ Incorrect	<b></b>	
			Write a word meanir distribute.	ng the opposite of	Insert a word that sentence correctly.	would complete this	ıllı	
ጐ.,	refugee 				The country due to fam	fled the ine.		
<b>***</b>			Write two words ass	ociated with migrant.	Use the word lowld sentence.	and correctly in a		Other language of interest
			1.				go to town	
			2.				jack of all trades	

# **Cumulative Quizzing**



Quizzes are used at the start of a topic to assess children's existing knowledge. By the end of each lesson, children are able to answer specific questions, laid out in the unit planning. Questions that have been answered in previous lesson are revisited at the start of each subsequent lesson, with the additional questions for that lesson at the end. At the end of the topic, children from Year 2 onwards are able to revisit and answer the whole quiz.

This cumulative approach enables children to become secure in the facts necessary to weigh up evidence and apply with increasing independence.

# **Cumulative Quizzing- example**



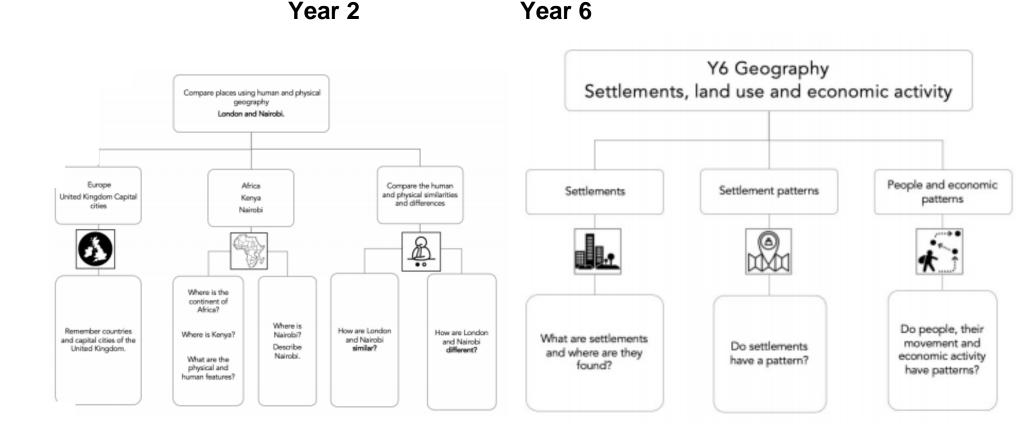
I	Suggested lesson	Learning question	Cui	mulative quiz	5. Select the intercardinal points on a compass. (CHOOSE 4)  A North.  B South.
	1	What are the 8 points on the compass?  Know that North is an important cardinal point on a compass – all OS maps displayed facing North.  Use 8 points of a compass to locate human and physical features in the locality.	1 - 5		© South West.  D North East.  E East.  F West.  G South East.  H North West.
	2	Where are the physical and human features located in this place?  • Know how a compass helps explain the location of human and physical features in this place.		6 - 18	6. A field is a physical feature.  True F False  7. A river is a human feature.  True F False
•		I	I	1	8. Which word describes the location where a few or many thousands of people live?

A Recreation.
B Settlement.
C Trade.
D Travel.

# **Curriculum navigation**



At the start of each unit teachers share with the 'Big Picture' with children: an overview of what they will learn. This is returned to so children can reflect on what they have learned and what is still to come.



# Teacher subject knowledge



Teacher subject knowledge is continually improved through the use of key facts on knowledge notes, so they know exactly where to focus their research. CPD which is applicable to various areas of the curriculum is made available on the CUSP website, with useful articles, podcasts, resources and examples of good practice shared regularly by SLT and subject leaders.

Potential misconceptions are clearly referenced in the CUSP unit overviews so they are not passed on to children.

Misconception	ns – learning traps pupils can fall into				
X Not true	Teach this 🗸				
Settlements are created by chance.	Settlements that thrive are located in places that have resources to support the people who live there. The physical features of an area push or pull people to settle there.				
Settlements are permanent and don't change.	If conditions change negatively, such as employment at a coal mine stops, then people are pushed away to find new work.  If conditions change positively, such as lots of new jobs, then people are pulled towards that settlement.				
Refugees and migrants are the same thing.	Refugees are displaced from their homeland because of war or persecution and their government cannot / will not protect them.  People migrate because of factors that push people away from their homeland. Some people migrate because there is poverty, famine or disease. Others migrate for jobs and a better way of life.  Adapted from Amnesty international's definitions				



# Knowledge organiser and knowledge notes

Children are provided with a knowledge and vocabulary-rich organiser at the start of each unit, with high-quality images or diagrams and key concepts which children are enabled to understand and expected to refer back to in order to remember. Children are confident in referring to this overview and know that they can find key knowledge in one place.

The unit knowledge organisers are elaborated on by knowledge notes for each lesson. These contain the focussed learning question, key facts and images, and vocabulary for the lesson.

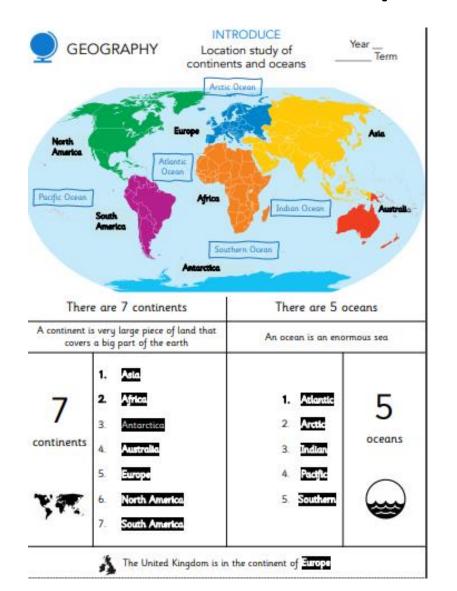
Knowledge Organisers and Knowledge Notes are dual coded to provide pupils with visual calls to aid understanding and recall.





Knowledge organiser and knowledge notes

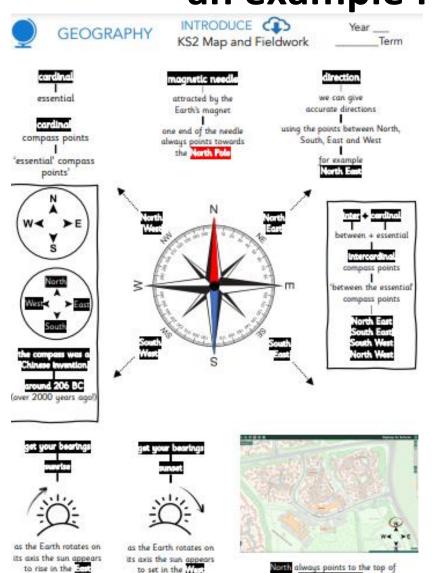
-an example from KS1







Knowledge organiser and knowledge notes -an example from Lower KS2

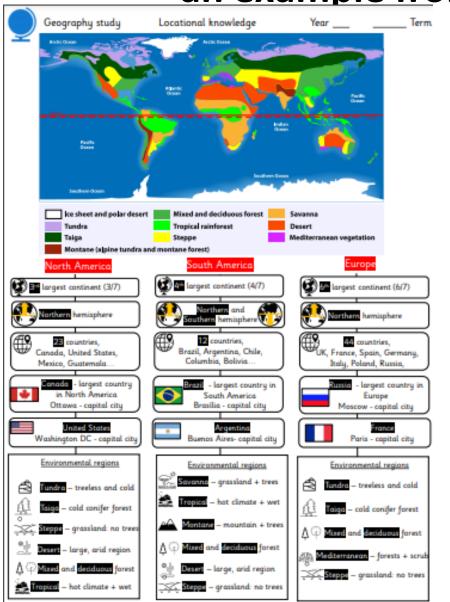






**CUSP** 

Knowledge organiser and knowledge notes -an example from Upper KS2





Possible vocabulary to teach, use and make pupils aware of





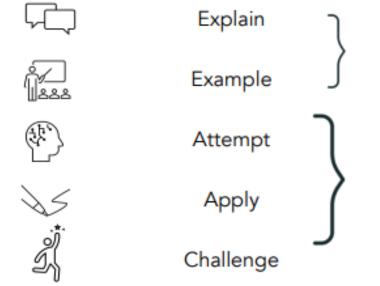


# **Planning**

Although the sequence of lessons and key questions are provided through Curriculum for Unity Schools Partnership, teachers are confident in using their judgement to deliver knowledge which is essential and that which is desirable.

In order to maximise teachers' productivity and ensure clear delivery for students, planning is done straight on to the slides that children will see, allowing planning to be sent quickly and easily to subject leaders and SLT. Teachers use the CUSP knowledge notes and a clear structure for scaffolding pupils towards success.

This is:



Teaching through instruction

Learning through teacher-led, guided or independent practice



# Geography Impact



# Bact

# How do we document learning, monitor progress and track achievement?

The use of knowledge organisers ensures children's books are not just a place to collect work but a valuable, personal resource they use to revisit learning.

Students are expected to record learning in their exercise books in almost all lessons. This may take the form of writing, mind maps or annotated pictures and will involve students answering the specific learning question for each specific lesson. As in all subjects, this work in students' books should take into account the school's presentation rules and the need to edit and improve their work.

Teachers use cumulative quizzing to ensure the lesson's objective has been met and all children can answer the key learning question. Live, verbal feedback is used in each lesson to immediately address misconceptions, giving children chance to rectify these in the same lesson. Planning includes opportunities to recap prior knowledge to reinforce and build on this. Children keep copies of unit quizzes in their books which are used for cumulative then summative assessment with the independent end of unit quiz. Teachers are able to access quizzes online to alter how they are delivered: altering the sequence of questions to avoid rote learning, for example.



# Bact

# Book monitoring and learning conversations



Examples of high quality work in Geography books are provided at least termly, with evidence of use of new vocabulary, clear answering of the learning question and application of new skills.

Children are provided with high-level teaching and content and are supported as necessary so that they can access this content. The school's marking policy is used so both live, whole-class feedback and individual comments to support children are employed.



Scheduled conversations with children across year groups give a useful insight into the efficacy of teaching and the impact this has on children's understanding. This is undertaken within the school and by the authors of the CUSP content. Feedback is given to teachers, with support provided to ensure this is acted upon.