## Year 4 Geography Whitegate End

In Year 4, we continue to build our geographical vocabulary. We focus on the whole of the UK and name and locate other cities from across the UK, identifying both physical and human features. The children will learn about the different geographical regions and their identifying what makes each region 'unique'. They will learn about the different biomes, climate ones, vegetation belts, rivers and mountains of the UK.

Year 4 children will also understand the water cycle and its impact on the human and physical Geography of the UK.

## Pedagogy

Retrieval practice describes the process of recalling information from memory with little or minimal prompting. Low stakes tests (such as individual questions or quizzes) are often used as methods of retrieval practice as these require pupils to think hard about what information they have retained and can recall. When used in this way, tests can be a strategy for learning in addition to being an assessment of learning. The retrieval practice evidence base (both basic and applied) suggests that testing learning is often a better strategy for learning than restudying or recapping the same information.

Spaced practice (also referred to as spaced learning, distributed practice, distributed learning, and the spacing effect) applies the principle that material is more easily learnt when broken apart by intervals of time. Spaced practice is often contrasted with 'massed' or 'clustered' practice, whereby material is covered within a single lesson or a linear and sequential succession of learning.

Assessment is a continuous process, integral to learning and teaching. It plays an integral part in each teacher's planning and enables the evaluation of current practice as well as pupil achievement. Assessment is a daily part of the life of the school. Informal assessments, through monitoring of children's work and understanding of concepts, are used by teachers to inform their teaching. These can be seen in each teachers Whole Class Feedback Book and subsequent KUNCU (Keep Up Not Catch Up) sessions.

## Key Vocabulary

Hemisphere, latitude, longitude, tropics, peak/summit, valley, cliff, ridge, plateau, terrain. Hills, mountains, coast, rivers, trade, climate, county, region, forest, wetlands, biomes

## High Quality Tex

The rhythm of the rain Once upon a raindrop

The big book of the UK

Flotsam

National Curriculum Expectations	Substantive Knowledge (What)	Disciplinary Knowledge (How)	Cultural Capital/ Experiences	Opportunities for Oracy	Opportunities for Play	Diversity and Culture/Similarities and differences	Life Skills	Outdoor Learning/Fieldwork	Cross Curricular Links
Location and place knowledge  Name and locate counties of the United Kingdom, geographical regions and their identifying human and physical characteristics, key topographical features and land patterns and understand how some of these aspects have changed over time.	To know and locate different counties of the UK.  To know their different human and physical characteristics including hills mountains coasts and rivers. To know how these have changed overtime.	To use an atlas and digital mapping software such as Google Earth	River walk – Castleshaw  United utilities- water safety  Tandle Hill Country Park – different routes.	Present information about the water cycle.  Interview people who originate from the four different countries of the UK. Possibly - The class is divided into 4 with information about each region of the UK (find the information) and interview each other about those locations.  Instructional text on how to use a 6 figure grid reference.	Treasure hunt using six figure grid reference.  Play with water  Pond dipping – finding creatures in streams etc.  Bridge building – linked to over a river/canal/stream etc (teamwork, respect, communication, collaboration, instructions, forward planning) STEM	Compare the climate in Scotland to the climate in the south of England.  Compare the different major exports from different areas of the UK  Does the North South divide exist?	Use at atlas  Use a map including a six-figure grid reference.  (Use google mapsdigital era)  Pollution understanding the environment.	Recreate the water cycle on school grounds Look at how water evaporates when left outside in plastic glass container. (Bags in class)  Visit Northern Roots Oldham to view the different vegetation and biomes present in Oldham and how this compares to the rest of the UK.  Examine and record exports from UK the other nations.	Plot exports and trade on a range of different trade exports produced in the UK. This could include bar charts , scatter diagrams and Pie charts.  Examine the reasons for conflict both past and present in Northern Ireland .  Writing  Persuasive piece of writing to be displayed on UK countries tourism website promoting the
Human and physical geography  Physical geography including climate zones, biomes and vegetation belts and rivers and mountains of the UK and the water cycle.	To know that within the UK there are different climate zones, depending on the region or country.  To know about the different vegetation across the UK eg forests, wetlands, mountains.  To know about the different trade links across the UK eg the Northern Ireland protocol, and different	To use an atlas to find the different climates depending on the region or country		Map reading skills – communication skills listening and speaking skills.  Bridge Building					country to potential visitors.  Explanation text (water cycle)  Persuasive letters (government or sea life)  Split between Autumn 1 and 2 - SCIENCE  OBJECTIVES to enhance and link with the teaching of geography.  STATES OF MATTER (4 OBJECTIVES)

octivity including trade Initis across the UK.  Geographical skills and filedwark  Using maps both solethie and digital to sol	
activity including trade links across the UK.  Geographical skills and fletdwarks  Luing maps both continues and pilot to continue and pilot to to contin	
Inks across the UK.  Geographical skills and fleldwork  Using maps both satellite and digital to locate regions of the UK and describe features studied.  Use ski fligure grid references to build their knowledge of the UK.  Use fieldwork to observe, measure record and present features.  In Electronic Manual Science of the UK.  Use fieldwork to observe, measure record and present features.  In Electronic Manual Science of the UK.  In Electronic Manual Science of the UK.  In Electronic Manual Manu	mpare and
Geographical skills and filektwark  Using most both content and countries and countries and countries and countries of the UK and describe features studied.  Use six figure grid references to build their knowledge of the UK.  Use six figure grid references to build their knowledge of the UK.  Use six figure grid references to build heir knowledge of the UK.  Use filedwork to observe, measure record and present features.  Use filedwork to observe measure record and present features.  It is filedwork to the countries and the count	oup materials
Geographical skills and flexitivors  Using maps both scalelitie and digital to locate regions of the UK and describe features studied.  Use all Rigure grid references to build their knowledge of the UK.  Use fieldwork to observe, measure record and present features.  If the fieldwork to observe, measure record and present features.  Animode in the field in the features of the UK.  If the fieldwork to observe, measure record and present features.  Animode in the field in the field in the features of the field in the field in the features.  Animode in the field in the fiel	gether,
Geographical skills and filelitwork  Using maps both sociale adjust to locate counties and counties of the UK.  Use six figure grid references to build their knowledge of the UK.  Use six figure grid references to build their knowledge of the UK.  Use filedwork to copy may be a continued to counties and counties are to be added to locate regions.  Use filedwork to copy may be a continued to counties and filedwork to copy may be a continued to continue and their specific landmarks.  In a confidentity use six figure grid references to build their specific landmarks.  In a confidentity to exist figure grid references to be added to locate to specific landmarks.  It is figure grid references to build their specific landmarks.  It is figure grid references to build their specific landmarks.  It is figure grid references to be added to locate to be added to locate to locate to specific landmarks.  It is figure grid references to be added to locate to locat	cording to
Geographical skills and filedwork and preading skills to locate regions of the UK and describe features studied.  Using maps both satellite and digital to locate regions of the UK and describe features studied.  Use skill flaure grid references to both their knowledge of the UK.  Use filedwork to observe, measure record and present features.  Use flaure grid references to bother to plaure grid references to bother to plaure grid references to bother to plaure grid references to the plaure grid references to be able to locate specific londmarks.  Use filedwork to observe, measure record and present features.  Item flaures, IN BOTH HALF  TERMS.	nether they are
Geographical skills and fleldwork  Using maps both safellite and digital to locate regions of the UK and describe features studied.  Use skilligure grid references to bould their knowledge of the UK.  Use fieldwork to observe, measure record and present features.  Use fieldwork to observe, measure record and present features.  All regions of the UK.  To be able to apply map regions state of contractive to the test of the UK.  To confidently use six figure grid references to be able to locate specific fourthanks.  It is not the UK.  To confidently use six figure grid references to be able to locate specific fourthanks.  It is not the UK.  To confidently use six figure grid references to be able to locate specific fourthanks.  It is not the UK.  To confidently use six figure grid references to be able to locate specific fourthanks.  It is not the UK.  To confidently use six figure grid references to be able to locate specific fourthanks.  To confidently use six figure grid references to be able to locate specific fourthanks.  To confidently use six figure grid references to be able to locate specific fourthanks.  To confidently use six figure grid references to be able to locate specific fourthanks.  To confidently use six figure grid references to be able to locate specific fourthanks.  To confidently use six figure grid references to be able to locate specific fourthanks.  To confidently use six figure grid references to be able to locate specific fourthanks.  To confidently use six figure grid references to be able to locate specific fourt	lids, liquids or
Geographical skills and fieldwork  Using maps both satelitie and digital to locate regions of the UK and describe features studied:  Use six figure grid references to bie able to locate segons of the UK.  Use fieldwork to observe, measure record and present record and present features.  Use fieldwork six figure grid references to be able to locate specific landmarks.  Use fieldwork to observe, measure record and present features. IN BOTH HALF IERMS.	
To be able to apply map both statellite and digital to locate regions of the UK and describe features studied.   Use six figure grid references to build their knowledge of the UK.    Use lifeldwork to observe, measure record and present features.   Use fieldwork to observe, measure record and present features.   Items of the UK and the control of the total contr	serve that some
Using maps both satellite and digital to locate econises and countries of the UK and describe features studied:  Use six figure grid references to build their knowledge of the UK.  Use fieldwork to observe, measure record and present record and present features. IN BOTH HALF TERMS.  IN BOTH HALF TERMS.	aterials change ate when they
Use six figure grid references to build their references to build their record and present record and present features.  Use fieldwork to observe, measure record and present features.  Use fieldwork to incompresent record and present features.  Use fieldwork to observe, measure record and present features.  Item (Figure grid references to be able to locate specific landmarks.)  Use fieldwork to observe measure record and present features.  Item (Figure grid references to be able to locate specific landmarks.)  Use fieldwork to observe measure record and present features.  Item (Figure grid references to be able to locate specific landmarks.)  Use fieldwork to observe measure record and present features. In BOTH HALF the concurrence of the features of the features of the features of the features.  Item (Figure grid references to be able to locate specific landmarks.)  Item (Figure grid references to be able to locate specific landmarks.)  Item (Figure grid references to be able to locate specific landmarks.)  Item (Figure grid references to be able to locate specific landmarks.)  Item (Figure grid references to be able to locate specific landmarks.)  Item (Figure grid references to be able to locate specific landmarks.)  Item (Figure grid references to be able to locate specific landmarks.)  Item (Figure grid references to be able to locate specific landmarks.)  Item (Figure grid references to be able to locate specific landmarks.)  Item (Figure grid references to be able to locate specific landmarks.)  Item (Figure grid references to be able to locate specific landmarks.)  Item (Figure grid references to be able to locate specific landmarks.)  Item (Figure grid references to be able to locate specific landmarks.)  Item (Figure grid references to locate specific landmarks.	e heated or
satellite and digital to locate regions of the UK. and describe features studied.  Use six figure grid references to build their knowledge of the UK.  Use fieldwork to observe, measure record and present features.  Use fieldworks.  Is figure grid references to build their knowledge of the UK.  Use fieldwork to observe, measure record and present features. IN BOTH HALF  TERMS.  Animolds  Animolds  Animolds  Figure grid references to build their knowledge of the UK.  Use fieldwork to observe, measure record and present features. IN BOTH HALF  TERMS.  Animolds  To confidently use six figure grid references to be oble to locate specific and marks.  Use fieldwork to observe, measure record and present features. IN BOTH HALF  TERMS.  Animolds  To confidently use six figure grid references to be oble to locate specific and marks.  In confidently use six figure grid references to be oble to locate specific and marks.  In confidently use six figure grid references to be oble to locate specific and marks.  In confidently use six figure grid references to be oble to locate specific and marks.  In confidently use six figure grid references to be oble to locate specific and marks.  In confidently use six figure grid references to be oble to locate specific and marks.  In confidently use six figure grid references to be oble to locate specific and marks.  In confidently use six figure grid references to be oble to locate specific and marks.  In confidently use six figure grid references to be oble to locate specific and marks.  In confidently use six figure grid references to be oble to locate specific and marks.  In confidently use six figure grid references to be oble to locate specific and marks.  In confidently use six figure grid references to be oble to locate specific and marks.  In confidently use six figure grid references to be oble to locate specific and marks.  In confidently use six figure grid and marks.  In confidently use six figure grid and marks.  In confidently use six figure grid and marks.  In confidentl	oled, and
locate regions of the UK and describle features studied.  Use six figure grid references to build their knowledge of the UK.  Use fieldwork to observe, measure record and present features.  Ise fieldwork in the control of the UK.  Use fieldwork to observe, measure record and present features.  Ise fieldwork in the control of the UK.  Ise fieldwork to observe, measure record and present features. IN BOIH HALF  IERMS.  Animals  • recetable for the UK.  In the control of the UK.  In the control of the UK.  Animals  • recetable features from the control of the UK.  Items for the UK.  Items for the UK.  Animals  • recetable features from the UK.  Items for	easure or
and describe features studied.  Use six figure grid references to build their knowledge of the UK.  Use fieldwork to observe, measure record and present features.  Use fieldworks.  Use fieldwork to observe, measure record and present features.  I for confidently use six figure grid references to be able to locate specific landmarks.  Use fieldwork to observe, measure record and present features.  I for confidently use six figure grid references to be able to locate specific landmarks.  Use fieldwork to observe, measure record and present features. IN BOTH HALF TERMS.  I for confidently use six figure grid references to be able to locate specific landmarks.  Use fieldwork to observe, measure record and present features. IN BOTH HALF TERMS.  Animable • received the features in the features	search the
studied.  Use six figure grid references to build their knowledge of the UK.  Use fieldwork to observe, measure record and present features.  Use fieldwork to record and present features.  In Confidently use six figure grid references to be able to locate specific landmarks.  Use fieldwork to observe, measure record and present features. IN BOTH HALF  TERMS.  In Confidently use six figure grid references to be able to locate specific landmarks.  Use fieldwork to observe, measure record and present features. IN BOTH HALF  TERMS.  Animals  Animals  Animals  In Confidently use six figure grid references to be able to locate specific landmarks.  White in Confidently use six figure grid references to be able to locate specific landmarks.  White in Confidently use six figure grid references to be able to locate specific landmarks.  White in Confidently use six figure grid references to be able to locate specific landmarks.  White in Confidently use six figure grid references to be able to locate specific landmarks.  White in Confidently use six figure grid landmarks.  In Confidently use six figure grid landmarks.  White in Confidently use six figure grid landmarks.  White in Confidently use six figure grid landmarks.  White in Confidently use six figure grid landmarks.  In Confidently use six figure grid landmarks.  White in Confidently use six figure grid landmarks.  White in Confidently use six figure grid landmarks.  In Confidently use six figure grid landmarks.  White in Confidently use six figure grid landmarks.  In Confidently use six figure grid landmarks.  White in Confidently use six figure grid landmarks.  In Confidently use six figure gr	mperature at
Use six figure grid references to build their knowledge of the UK.  Use fieldwork to observe, measure record and present features.  Use fieldwork six is discovered and present features.  Items (and features)  Items (and	nich this happens
Use fieldwork to observe, measure record and present features. IN BOTH HALF TERMS.  Use field work to observe, measure record and present features. IN BOTH HALF TERMS.  Deadle to locate specific landmarks.  Use field work to observe, measure record and present features. IN BOTH HALF TERMS.  Animals  • rece fivir gird  gird  Animals  • rece fivir gird  and features featu	degrees Celsius
references to build their knowledge of the UK.  Use fieldwork to observe, measure record and present features.  Iteratives.  Is fieldwork to observe, measure record and present features. IN BOTH HALF TERMS.  Is fieldwork to observe, measure record and present features. IN BOTH HALF TERMS.  Is fieldwork to observe, measure record and present features. IN BOTH HALF TERMS.  Is fieldwork to observe, measure record and present features. IN BOTH HALF TERMS.  Is fieldwork to observe, measure record and present features. IN BOTH HALF TERMS.  Is fieldwork to observe, measure record and present features.  Is fieldwork to observe, measure record and present features.  Is fieldwork to observe, measure record and present features.  Is fieldwork to observe, measure record and present features.  Is fieldwork to observe, measure record and present features.  Is fieldwork to observe, measure record and present features.  Is fieldwork to observe, measure record and present features.  Is fieldwork to observe, measure record and present features.  Is fieldwork to observe, measure record and present features.  Is fieldwork to observe, measure record and present features.  Is fieldwork to observe, measure record and present features.  Is fieldwork to observe, measure record and present features.  Is fieldwork to observe, measure record and present features.  Is fieldwork to observe, measure record and present features.  Is fieldwork to observe, measure record and present features.	C)
knowledge of the UK.  Use fieldwork to observe, measure record and present features. IN BOTH HALF TERMS.  Use fieldwork to observe, measure record and present features. IN BOTH HALF TERMS.  Animals  • record and present features. IN BOTH HALF TERMS.	entify the part
Use fieldwork to observe, measure record and present features. IN BOTH HALF TERMS.  Animals errors record and present features in BOTH HALF TERMS.  Animals errors record and present features in BOTH HALF TERMS.	ayed by
observe, measure record and present features.  record and present features.  RANIS.  Animals  record and present features.	aporation and
record and present features.    features   features     features     features     features     features     features     features     features     features     features     features     features   f	ndensation in
TERMS.  TERMS.  TERMS.  TERMS.  Animals  rect virt  Animals  rect livir  gra var exx cxla to t  i ide a v  thir	e water cycle
Animals  rec livir gro var exp cla to t  i de a v	nd associate the
Animals  • recellivir  gro  var  exp  cla  to h  • ide  a ty  thir	te of evaporation
• recultiviry grows and the second of the se	th temperature.
• recultiviry growers of the second of the s	•
living grovan expensed to the second of the	s cognise that
grovar expcla	ng things can be
var exp cla to h • ide a v thir	ouped in a
exp cla to h • ide a v thir	riety of ways
cla to h	plore and use
to head of the state of the sta	assification keys
a v thir	help group,
thir	entify and name
	variety of living
	ngs in their local
	nd wider
	vironment
	cognise that
	vironments can
	ange and that s can sometimes
	se dangers to
	ng things
	19 11 11 193

Year 1 Geography – Whitegate End									Key Vocabulary	
Pedagogy								Н	igh Quality Texts	
- Retrieval - Spaced Learnin	g									
- Assessment										
National Coming to the	Coloabanation Monarda da da	Due a calcural Vicacida desa	Could would Council and /		One of any householders for Disco	Discovition and Collins	Life Skills			Cross Curricular Links
National Curriculum Expectations	Substantive Knowledge (What)	Procedural Knowledge (How)	Cultural Capital/ Experiences	Opportunities for Oracy	Opportunities for Play	Diversity and Culture	Life Skills	Outdoor L	<del>eaming -</del>	Cross Curricular Links