

Cumwhinton School Curriculum - Geography Y4 SUM		
Year 4	NC Content	<p>Use maps and atlases, including OS maps, to introduce four figure grid references.</p> <p>Use fieldwork to observe, measure and record the human and physical features of the local area.</p> <p>Compare the geographical similarities and differences of a country in Europe and the UK.</p> <p>Explain why people may choose to live in a particular place, referring to land uses and climate.</p> <p>Describe and understand key aspects of physical geography including volcanoes and earthquakes.</p> <p>Use an atlas or globe to locate the countries of Europe, including Russia and the countries of the EU.</p>

Geography

Geographical skills and fieldwork Place Knowledge Human and Physical Geography Location Knowledge

Mapping across the Year			
	AUTUMN	SPRING	SUMMMER
Geographical skills and fieldwork	<p>Use maps and atlases, including OS maps, to introduce four figure grid references.</p> <p>Use fieldwork to observe, measure and record the human and physical features of the local area.</p>		
Place Knowledge		<p>Name and locate counties and cities of the United Kingdom</p> <p>Understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom.</p>	
Human and Physical Geography			<p>Describe and understand key aspects of physical geography including volcanoes and earthquakes.</p> <p>Explain why people may choose to live in a particular place, referring to land uses and climate.</p>
Location knowledge			<p>Use an atlas or globe to locate the countries of Europe, including Russia and the countries of the EU.</p>

CONCEPTUAL SCHOOL AMBITION DRIVERS

	EYFS & KS1	LKS2	UKS2
AUT	Diversity	Fairness	Individuality
SPR	Truth	Change	Resilience
SUM	Responsibility	Equality	Sustainability

Geography - SUMMER YEAR 4

THE WORLD - Equality

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NC

CUMWHINTON CURRICULUM

Finding out
(Facts & knowledge)

Name and locate key topographical features (including hills, mountains, coasts and rivers).

Describe and understand the key aspects of physical geography, including: rivers, mountains and the water cycle

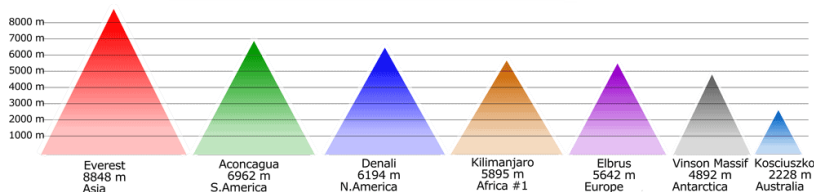
Explain why people may choose to live in a particular place, referring to land uses and climate.

Reinforce with children what and where the 7 continents are (Reinforcing learning from KS1).

Locate the longest rivers and highest mountains in the world on the map of the world. Which continents are they in?

Longest rivers in the world	Length (miles)	Length (km)	River source	River mouth	Countries the longest rivers in the world flows through	Cities river flows through and trivia
Nile	4145	6671	Ruandaberge in Rwanda/Burundi.	Mediterranean Sea north of Cairo.	rwRwanda, btBurundi, tzTanzania, ugUganda, ssSouth Sudan, soSudan and egEgypt.	Cairo, Luxor, Aswan, Khartoum and Malakei. The river Nile is the longest river in the world.
Amazon	4000	6437	Andes in Peru, from Marañón and Ucayali.	Atlantic	pePeru and brBrazil.	Iquitos, Macapa and Santarém. The River Amazon is the longest river in south America.
Yangtze River (Long River)	3900	6276	Tibet, from the rivers Tuotuo He and Dam Chu.	East China Sea at Shanghai.	cnTibet (autonomous region in China).	Chongqing, Wuhan, Nanjing and Shanghai. The Yangtze river is the longest river in Asia.
Hwang Ho (Yellow River)	3011	4845	Tibet, from Gyaring Lake and Ngoring Lake.	Yellow Sea at Gulf of Bohai.	cnTibet (autonomous region in China).	Wuhai, Baotou, Puyang, Kaifeng and Jinan.
Mekong	2796	4500	Qinghai in China.	South China Sea in Pacific.	cnChina, mmMyanmar, thThailand, laLaos, khCambodia and vnVietnam.	Vientiane and Phnom Penh.

Tallest Mountain on Each Continent



Locate the highest mountains in each UK country:

Ben Nevis in Scotland (1,344m)

Scafell Pike in England (978m)

Slieve Donard in Northern Ireland (850m)

Snowdon in Wales (1,085m)

Locate the longest rivers in the UK:

RANK	RIVER	LENGTH (MILES)	LENGTH (KM)
1	River Severn [2]	220	354
2	River Thames [2]	215	346
3	River Trent [2]	185	297
4	River Wye [3]	155	250

Where are the major rivers within the UK - locate London, Newcastle, Bristol, Nottingham, Liverpool on the map - Why are big cities often on major rivers?

Teach the journey of a river from the source of the river to the mouth of the river. Contrast a smaller local river (the River Eden) with the Amazon. Where are the sources of both rivers? How many tributaries does each have? Rivers BBC Teach: <https://www.youtube.com/watch?v=IK3bgjiEEK>

The River Severn from source to mouth: <https://www.youtube.com/watch?v=M48ANM3hAQ&t=87s>

Contrast a smaller local river (the River Eden) with the Amazon. Where are the sources of both rivers? How many tributaries does each have?

Britannica for Kids - the River Amazon: <https://kids.britannica.com/kids/article/Amazon-River/346079>

Locate the River Eden on a map of Cumbria.

The **River Eden** is entirely Cumbrian and is one of the few large rivers in England that flows northwards. The source of the river is on the high limestone fells above Mallerstang Common, near the North Yorkshire border, and makes its way across eastern Cumbria, with the hills of the North Pennines to the East, and the fells of the Lake District to the west, to Carlisle. Here it merges with other rivers to form the great Solway Firth estuary, before reaching the open sea, 90 miles (145 km) from its source.

Take a trip down the River Eden: <https://www.youtube.com/watch?v=tNJX6XtXqZI>

River restoration and natural flood management programme at Townfoot:

https://www.youtube.com/watch?v=G1yrtBF_MO4

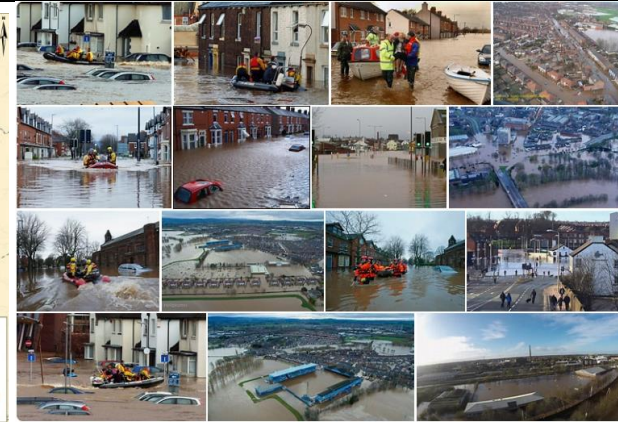
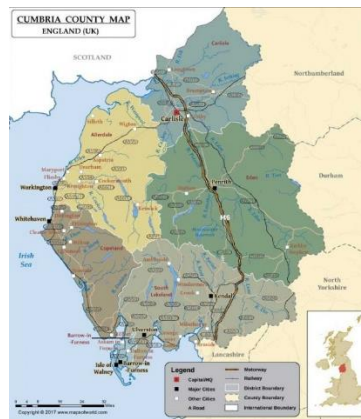
Why have rivers always been so important to humanity? What purposes do rivers have?

Rivers are an important aspect of the water cycle - what is the water cycle and why is it important?

Would you like to live near a river?

Introduce the children to the concept of a floodplain (a generally flat area of land next to a river or stream). Would you want to live on a floodplain? Why? Why not?

Discuss what a county is (a division of a state or country for local government). What county are we in? What other counties do we know that are near us? Northumberland, North Yorkshire, Durham and Lancashire.



Explore case studies of local flooding in Carlisle and around Cumbria in 2005 and 2015.

How would the children cope in these circumstances? How would it affect their lives?

Carlisle flood video 06.12.2015: <https://www.youtube.com/watch?v=J23hI7pHmOs>

Discuss changes in the environment which are causing flooding to become a more regular occurrence.

How have environmental changes changed the weather patterns in the UK? Why?

How have humans caused a change to weather patterns? (Polluting the earth leading to climate change). What can be done to stop this from getting any worse? (E.g. not driving cars as much, less plastic, renewable energy etc.). Discuss ways the children can make a difference in avoiding contributing to excess climate change.

How can we avoid flooding affecting people's homes? Come up with an answer to the question should we live next to the river?

How have the flood defences in Carlisle been strengthened in order to try to prevent such a devastating flood happening again?

Carlisle flood defences ready 2021 video: <https://www.itv.com/news/border/2021-10-13/new-phase-of-carlisle-flood-defences-complete-and-winter-ready>



<p>Using (Applying & analysing)</p>		<p>Design a new town challenge: Draw on understanding gathered throughout the topic to set the children the problem of designing a new town near a river:</p> <ul style="list-style-type: none">• Where would they build their houses in order to minimise the chances of them flooding for everyone?• Would they build them on the floodplain?• If so what measures would they take to prevent the houses from excess flooding?• Would they build houses higher up away from the river?• How would this affect who could live there? (these houses would be much more expensive)• What flood warning systems would they have in place?• How would this town make sure that it is not contributing further to climate-change
<p>Concluding (Evaluating & summarising)</p>		<p>Why are rivers important? What are the key advantages and disadvantages of living next to a river?</p>