Geography

Year 8

Autumn 1	**Why are rivers important?**		
	• I know what a river is. • I know how water moves through the water cycle. • I know how a river changes from source to mouth. • I know what a drainage basin is. • I know the four processes of erosion in rivers. • I know how rivers transport material. • I know careers linked to rivers. • I know how rivers shape the upper course – the formation of V-shaped valleys and waterfalls. • I know how rivers shape the middle course – the formation of meanders and oxbow lakes. • I know the physical and human factors causing rivers to flood.	**Key Vocabulary** • Evaporation • Precipitation • Drainage basin • Tributary • Source • Mouth • Erosion • Deposition • Meander	• Abrasion • Attrition • Hydraulic action • Solution • Traction • Suspension • Saltation • Permeable • Surface run off • Transportation
	How to help at home/useful websites **Rivers - KS3 Geography - BBC Bitesize**	**Assessments** 1. Mid-topic retrieval test 2. End of unit assessment	

What is the development gap?

Autumn 2

- I know what development is.
- I know social and economic measures of development.
- I know how wealth is distributed around the world.
- I know the causes of uneven development.
- I know how gender inequality affects development.
- I know careers linked to development.
- I know how uneven development can lead to migration.
- I know how fair trade can close the development gap.
- I know the different types of aid.

Key Vocabulary
- Development
- Poverty
- Development indicator
- GNI per capita
- Literacy rate
- Life expectancy
- Conflict
- Drought
- Landlocked
- Gender inequality
- Refugee
- Economic migrant
- Fair trade

How to help at home/useful websites
Development - KS3 Geography - BBC Bitesize
Dollar Street - photos as data to kill country stereotypes

Assessments
1. Mid-topic retrieval test
2. End of unit assessment

What is it like to live in the world's most populated continent?

Spring 1/2

- I can describe the location of Asia.
- I know why Asia is so diverse.
- I know the diverse physical geography of Asia.
- I know why people rely on the monsoon.
- I know how and why Asia's population is changing.
- I know how China's government managed population growth.
- I know how Russia's government managed population decline.
- I know how development varies across Asia.
- I know careers linked to this topic.
- I know the causes and consequences of rapid urbanisation in Asia's major cities.

Key Vocabulary
- Continent
- Latitude
- Longitude
- Globalisation
- Population distribution
- Population density
- Rural
- Urban
- Push factors
- Pull factors
- Urbanisation
- Economic growth
- Natural increase
- Birth rate
- Opportunities
- Challenges
- Superpower

	• I know what life is like in India's megacities. • I know how China became a global superpower. • I know what challenges China faces as a superpower. • I know how Asia will continue to change in the future.	• Megacity • Migration

How to help at home/useful websites	**Assessments**
Introduction to China - KS3 Geography - BBC Bitesize Introduction to Russia - KS3 Geography - BBC Bitesize Urban processes in LICs and MICs - BBC Bitesize	1. Mid-topic retrieval test 2. End of unit assessment

Can two degrees destroy our planet?

Spring 2/Summer 1

• I know what climate change is. • I can explain the greenhouse effect and know the causes. • I know the evidence for climate change. • I know examples of climate tipping points. • I know the causes and impacts of deforestation in the Amazon. • I know careers linked to climate change. • I know how Arctic ice is shrinking. • I know how the UK is affected by climate change now and in the future. • I know how climate change can be managed.	**Keywords** • Greenhouse gasses • Fossil fuels • Climate change • Tipping points • Deforestation • Logging • Carbon sink • Permafrost • Extreme weather

How to help at home/useful websites	**Assessments**
Climate change - KS3 Geography - BBC Bitesize	1. Mid-topic retrieval test 2. End of unit assessment

Should we protect the coastline?

Summer 2

- I know what the coast is and how it is used.
- I know what landforms can be found at the coast.
- I know how to use GIS to look for evidence of coastal retreat.
- I know why the coastline is disappearing in parts of the UK.
- I know careers linked to coasts.
- I know different hard engineering strategies to protect the coastline.
- I know different soft engineering strategies to protect the coastline.
- I know how to complete a decision-making exercise about whether a coastline should be protected or not.

Keywords
- Coast
- Beach
- Cliff
- Arch
- Stack
- Coastal erosion
- Sea wall
- Groynes
- Rock armour

- Gabions
- Beach nourishment
- Sand dune regeneration
- Managed retreat

How to help at home/useful websites

Coastal processes and landforms - BBC Bitesize

Coastal management - KS3 Geography - BBC Bitesize

Assessments
1. Mid-topic retrieval test
2. End of unit assessment