

March 2023

# Course Mapping Guide Secondary Geography

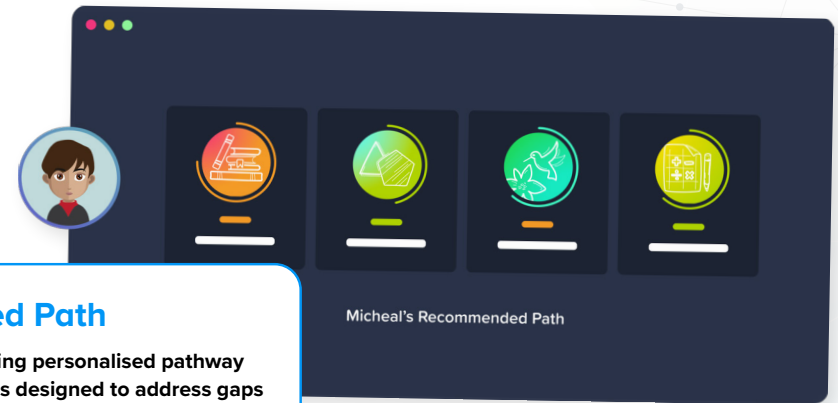
# About CENTURY

CENTURY is a learning platform that uses artificial intelligence to personalise learning for every learner. Our team of experienced teachers have created all of our content for English, maths, science, geography and physical education from years 3 to 11, as well as functional skills content for post-16 learners. All courses are aligned to the national curriculum and national standards.

- ✓ Learning materials and questions for primary, secondary and post-16 learners
- ✓ Tailored to each learner's skills and knowledge
- ✓ Powered by the world's leading adaptive learning platform
- ✓ Web-based learning for tablets, laptops and desktops



# How does CENTURY work?



## Diagnostics

Learners begin by completing diagnostics that quickly identify knowledge gaps and misconceptions, and help CENTURY recommend the best learning materials for each individual learner.

## Recommended Path

This constantly adapting personalised pathway contains micro-lessons designed to address gaps in knowledge, provide stretch and challenge and promote long-term memory retention.

## Leadership Dashboard

Senior and middle leaders get an overview of performance and engagement on a subject, class and learner level.

## Achievements

Learners get rewarded with badges and streaks for completing micro-lessons or for using CENTURY over a certain period of time to increase their motivation and engagement.

## Automated Marking

Teachers can view data in real time, to help quickly identify which learners require additional support or further stretch.

## Teacher Dashboard

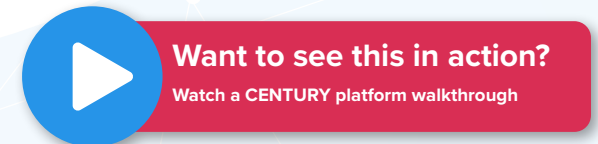
Use the markbook to monitor individual learners and whole-class trends with a range of dashboards.

## Learner Dashboard & Guardian Portal

Learners can identify their strengths and areas for improvement. Parents and guardians can monitor their learner's progress, completed work, and see work set.



Secondary Geography



# Course List

## Secondary Geography

These courses cover the huge variety of both physical and human geographical content. They also cover specific geographical skills, including fieldwork and cartographical skills.



### Geography GCSE: AQA

[View course →](#)

\*This course is on rolling release



# Course Content

## Geography GCSE: AQA



Diagnostics 5   Strands 5   Nuggets 60

This list is a snapshot of course content as of March 2023 and new material is added on a rolling basis.

[See what's coming soon →](#)

### Strands

Strand	Nuggets
1A: Natural Hazards	3
1A: Tectonic Hazards	13
1A: Weather Hazards	13
1A: Climate Change	19
1B: Ecosystems	13
1C*: Coastal Landscapes	17

### Nuggets

AQA		CENTURY	
Spec Code	Code	Nugget Name	Nugget Summary
1A: Natural Hazards			
-	GY0.01	<b>Diagnostic: Natural Hazards</b>	Diagnostic for natural hazards and the factors affecting hazards.
3.1.1.1	GY1.01	<b>Types of Natural Hazard</b>	This nugget defines and classifies different natural hazards.
3.1.1.1	GY1.02	<b>Factors Affecting Hazard Risk</b>	This nugget explains the physical and human factors which affect the level of risk associated with hazards.
1A: Tectonic Hazards			
-	GY0.02	<b>Diagnostic: Tectonic Hazards</b>	Diagnostic for plate tectonic theory, plate margins, the effects of earthquakes and volcanoes, the responses to them and reducing their risks.
3.1.1.2	GY2.01	<b>Plate Tectonic Theory</b>	This nugget describes the role of plate tectonic theory in explaining natural hazards.
3.1.1.2	GY2.02	<b>Distribution of Earthquakes &amp; Volcanoes</b>	This nugget describes the distribution of earthquakes and volcanoes.

Overview

Secondary Geography Course Mapping  
Geography GCSE: AQA



AQA		CENTURY	
Spec Code	Code	Nugget Name	Nugget Summary
3.1.1.2	GY2.03	<b>Constructive Plate Margins</b>	This nugget explains the processes and characteristics of constructive plate margins.
3.1.1.2	GY2.04	<b>Destructive Plate Margins</b>	This nugget explains the processes and characteristics of destructive plate margins.
3.1.1.2	GY2.05	<b>Conservative Plate Margins</b>	This nugget explains the processes and characteristics of conservative plate margins.
3.1.1.2	GY2.07	<b>Tectonic Hazards: Primary &amp; Secondary Effects</b>	This nugget explains the primary and secondary effects of tectonic events, including economic, social and environmental impacts.
3.1.1.2	GY2.08	<b>Tectonic Hazards: Responses</b>	This nugget explains immediate and long-term responses to tectonic hazards.
3.1.1.2	GY2.09	<b>Tectonic Hazards: Haiti 2010</b>	This nugget gives a named example, (Port-au-Prince Earthquake in Haiti in 2010), to show how the effects and responses to a tectonic hazard vary between two areas of contrasting levels of wealth.
3.1.1.2	GY2.10	<b>Tectonic Hazards: Nepal 2015</b>	This nugget gives a named example, (Gorkha Earthquake in Nepal in 2015), to show how the effects and responses to a tectonic hazard vary between two areas of contrasting levels of wealth.
3.1.1.2	GY2.11	<b>Tectonic Hazards: New Zealand 2011</b>	This nugget gives a named example, (Christchurch, New Zealand, 2011), to show how the effects and responses to a tectonic hazard vary between two areas of contrasting levels of wealth.
3.1.1.2	GY2.12	<b>Living in Areas at Risk of Tectonic Hazards</b>	This nugget explains why people live in areas at high risk of tectonic hazards.
3.1.1.2	GY2.13	<b>Tectonic Hazards: Reducing Risks</b>	This nugget summarises the management strategies used to reduce the risks posed by earthquakes and volcanoes and focuses on prediction, monitoring, planning,
<b>1A: Weather Hazards</b>			
-	GY0.03	<b>Diagnostic: Weather Hazards</b>	Diagnostic for global atmospheric circulation and weather hazards.
-	GY0.04	<b>Diagnostic: Tropical Storms</b>	Diagnostic for the distribution and formation of tropical storms, their effects and the responses to them, reducing the risks and how climate change may be affecting tropical storms.

AQA		CENTURY	
Spec Code	Code	Nugget Name	Nugget Summary
3.1.1.3	GY3.01	Global Atmospheric Circulation	This nugget explains how global atmospheric circulation determines patterns of weather and climate.
3.1.1.3	GY3.02	Weather Hazards: UK	This nugget describes the weather hazards experienced by the UK.
3.1.1.3	GY3.03	UK Extreme Weather: 'The Beast from the East'	This nugget describes the causes, impacts and management of the extreme cold weather event in 2018, known as 'The Beast from the East'.
3.1.1.3	GY3.05	Evidence of More Extreme Weather in the UK	This nugget outlines past extreme weather in the UK and the evidence to show changes in extremes of weather since the 1960s.
3.1.1.3	GY3.06	Tropical Storms: Global Distribution	This nugget explains the global distribution of tropical storms.
3.1.1.3	GY3.07	Tropical Storms: Formation & Structure	This nugget explains the formation, development and structure of a tropical storm.
3.1.1.3	GY3.08	Tropical Storms: Climate Change	This nugget explains how climate change might affect the distribution, frequency and intensity of tropical storms.
3.1.1.3	GY3.09	Tropical Storms: Primary & Secondary Effects	This nugget explains the primary & secondary effects of tropical storms.
3.1.1.3	GY3.10	Tropical Storms: Responses	This nugget explains the immediate and long-term responses to tropical storms.
3.1.1.3	GY3.11	Tropical Storms: Typhoon Haiyan	This nugget describes a named example of a tropical storm (Typhoon Haiyan) to show its effects and responses.
3.1.1.3	GY3.13	Tropical Storms: Reducing Risks	This nugget summarises the management strategies used to reduce the risks from tropical storms. Focuses on prediction, planning, preparation and protection.
1A: Climate Change			
-	GY0.05	Diagnostic: Climate Change	Diagnostic for the natural and enhanced greenhouse effects and their impacts on people and the environment.
-	GY0.06	Diagnostic: Climate Change Mitigation & Adaptation	Diagnostic for climate change mitigation and adaption strategies.

AQA		CENTURY	
Spec Code	Code	Nugget Name	Nugget Summary
3.1.1.4	GY4.01	<b>Climate Change: The Evidence</b>	This nugget explains the evidence for climate change, including ice cores, ocean sediment and tree rings.
3.1.1.4	CH9.06	<b>Climate Change: Natural Greenhouse Effect</b>	Identify what the greenhouse effect is and describe how it impacts upon our planet.
3.1.1.4	CH9.16	<b>Climate Change: Natural Factors</b>	Identify natural occurrences which can affect climate change.
3.1.1.4	CH9.18	<b>Climate Change: Human Factors</b>	Describe the anthropogenic (human) causes of climate change.
3.1.1.4	CH9.19	<b>Climate Change: Since Industrialisation</b>	Describe the impact of the industrial revolution on climate change.
3.1.1.4	CH9.20	<b>Climate Change: Enhanced Greenhouse Effect</b>	Identify and describe what the enhanced greenhouse effect is.
3.1.1.4	GY4.02	<b>Climate Change: Environmental Impacts</b>	This nugget describes how climate change impacts the planet.
3.1.1.4	GY4.03	<b>Climate Change: Impacts on People</b>	This nugget describes how climate change affects people, with a focus on Europe, Asia and Africa.
3.1.1.4	CH9.23	<b>Climate Change Mitigation: Carbon Capture &amp; Storage</b>	Describe what carbon capture is and how it works.
3.1.1.4	CH9.24	<b>Climate Change Mitigation: Renewable Energy</b>	Explain how renewable energies can help to reduce climate change.
3.1.1.4	CH9.25	<b>Climate Change Mitigation: Afforestation</b>	Explain how afforestation can help to reduce climate change.
3.1.1.4	CH9.26	<b>Climate Change Mitigation: International Agreements</b>	Identify how different countries have worked together to help tackle climate change.
3.1.1.4	CH9.27	<b>Climate Change Mitigation: Summary</b>	Describe mitigation strategies for to help tackle climate change. Strategies included: carbon capture & storage, renewable energy, afforestation and international agreements.
3.1.1.4	GY4.04	<b>Climate Change Adaptation: Agriculture</b>	This nuggets explains how farming can adapt to the environmental changes caused by climate change.



AQA		CENTURY	
Spec Code	Code	Nugget Name	Nugget Summary
3.1.1.4	GY4.05	<b>Climate Change Adaptation: Water Supply</b>	This nugget explain how water supply can be increased and the demand for water reduced.
3.1.1.4	GY4.06	<b>Climate Change Adaptation: Sea Level Rise</b>	This nugget explains how people can adapt to sea level rise using examples from the United Kingdom and The Maldives.
3.1.1.4	GY4.07	<b>Climate Change Adaptation: Summary</b>	This nugget summarises four ways of adapting to climate change.
1B: Ecosystems			
-	GY0.07	<b>Diagnostic: Ecosystems &amp; Tropical Rainforests</b>	Diagnostic for ecosystems, (including global and small-scale ecosystems) and tropical rainforests, including characteristics, deforestation and sustainable management.
Extend	BI7.016	<b>Importance of the Producer</b>	Explain the importance of producers in an ecosystem.
3.1.2.1	GY5.01	<b>Introduction to Ecosystems</b>	This nugget introduces basic key terms and concepts relating to ecosystems.
3.1.2.1	GY5.02	<b>Global Ecosystems</b>	This nugget describes the locations and characteristics of global ecosystems.
3.1.2.1	GY5.04	<b>Small Scale Ecosystem: Woodland</b>	This nugget gives an example of a small scale UK ecosystem to illustrate interrelationships within the system and give an understanding of its components.
3.1.2.2	GY6.01	<b>Tropical Rainforests: Physical Characteristics</b>	This nugget describes the physical characteristics of tropical rainforest including location, climate, soil & stratification.
3.1.2.2	GY6.02	<b>Tropical Rainforest: Interdependence &amp; Biodiversity</b>	This nugget describes the biodiversity of the tropical rainforests and how aspects of the tropical rainforest are interdependent.
3.1.2.2	GY6.03	<b>Tropical Rainforests: Plant &amp; Animal Adaptations</b>	This nugget explains the adaptations of plants and animals in the tropical rainforest.
3.1.2.2	GY6.04	<b>Deforestation Rates &amp; Overview</b>	This nugget explores rates of deforestation around the world and summarises the reasons behind it.

AQA		CENTURY	
Spec Code	Code	Nugget Name	Nugget Summary
3.1.2.2	GY6.07	<b>Deforestation in the Amazon: Causes</b>	This nugget explains the causes of deforestation in the Amazon rainforest.
3.1.2.2	GY6.08	<b>Deforestation in the Amazon: Impacts</b>	This nugget explains the impacts of deforestation in the Amazon rainforest.
3.1.2.2	GY6.09]	<b>The Value of Tropical Rainforests</b>	This nugget describes the different ways tropical rainforests are valuable.
3.1.2.2	GY6.10	<b>Sustainable Rainforest Management</b>	This nugget explains how tropical rainforests can be managed sustainably.
1C*: Coastal Landscapes			
-	GY0.11	<b>Diagnostic: Coastal Landscapes</b>	Diagnostic for coastal processes, landform formation and coastal management.
3.1.3.1	GY9.01	<b>Diverse Landscapes in the UK</b>	This nugget describes the diverse variety of landscapes in the UK, including upland and lowland areas, and major river systems.
3.1.3.2	GY9.02	<b>Wave Types &amp; Characteristics</b>	This nugget explains how waves are formed and the characteristics of constructive and destructive waves.
3.1.3.2	GY9.03	<b>Coastal Processes: Weathering</b>	This nugget explains mechanical, chemical and biological weathering.
3.1.3.2	GY9.04	<b>Coastal Processes: Mass Movement</b>	This nugget explains the different types of mass movement occurring at the coast.
3.1.3.2	GY9.05	<b>Coastal Processes: Erosion</b>	This nugget explains the processes of erosion occurring at the coast, including hydraulic action, abrasion, attrition, and solution.
3.1.3.2	GY9.06	<b>Coastal Processes: Transportation</b>	This nugget explains how material moves around the coast, including longshore drift.
3.1.3.2	GY9.07	<b>Coastal Processes: Deposition</b>	This nugget explains how and why material is deposited at the coast.
3.1.3.2	GY9.08	<b>Coastal Landforms of Erosion: Headlands &amp; Bays</b>	This nugget explains the formation of headlands and bays including the influence of geology on this process.

AQA		CENTURY	
Spec Code	Code	Nugget Name	Nugget Summary
3.1.3.2	G9.09	<b>Coastal Landforms of Erosion: Cliff Retreat &amp; Headland Erosion</b>	This nugget explains the formation of erosional landforms including wave cut platforms, caves, arches and stacks.
3.1.3.2	GY9.10	<b>Coastal Landforms of Deposition: Beaches</b>	This nugget explains how beaches are formed by deposition.
3.1.3.2	GY9.11	<b>Coastal Landforms of Deposition: Sand Dunes</b>	This nugget explains the characteristics and formation of coastal sand dunes.
3.1.3.2	GY9.12	<b>Coastal Landforms of Deposition: Spits &amp; Bars</b>	This nugget explains how spits and bars are formed by deposition and transportation.
3.1.3.2	GY9.13	<b>Coastal Landforms of Erosion &amp; Deposition: Dorset</b>	This nugget describes the landforms found along the Dorset Coast.
3.1.3.2	GY9.14	<b>Coastal Management: Costs &amp; Benefits of Hard Engineering</b>	This nugget explains how hard engineering can be used to manage the coast and the costs and benefits associated with it.
3.1.3.2	GY9.15	<b>Coastal Management: Costs &amp; Benefits of Soft Engineering and Managed Retreat</b>	This nugget explains how soft engineering can be used to manage the coast and the costs and benefits associated with it.
3.1.3.2	GY9.16	<b>Coastal Management: Holderness Coast</b>	This nugget describes the various ways the Holderness Coast is managed.

# Coming soon

## Geography GCSE: AQA

This material will be released on a rolling basis from March 2023.

AQA	CENTURY	
Spec	Code	Nugget Name
2A: Urban Change		
3.2.1	GY12.01	Urban Change: Global Trends & Patterns
3.2.1	GY12.02	Urban Change: Causes
3.2.1	GY12.03	Urban Change: Megacities
2A: Rio de Janeiro		
3.2.1	GY13.01	Rio de Janeiro: Location & Importance
3.2.1	GY13.02	Rio de Janeiro: Reasons for Growth
3.2.1	GY13.03	Rio de Janeiro: Social Opportunities
3.2.1	GY13.04	Rio de Janeiro: Economic Opportunities
3.2.1	GY13.05	Rio de Janeiro: Challenges of Managing Growth - squatter settlements
3.2.1	GY13.06	Rio de Janeiro: Challenges of Providing clean water, sanitation, energy
3.2.1	GY13.07	Rio de Janeiro: Challenges of providing Health & Education
3.2.1	GY13.08	Rio de Janeiro: Challenges: Unemployment & Crime
3.2.1	GY13.09	Rio de Janeiro: Challenges: Environmental Issues
3.2.1	GY13.10	Example: Urban Planning for the Poor in Rio de Janeiro

AQA	CENTURY	
Spec	Code	Nugget Name
2A: UK & London		
3.2.1	GY15.01	Urban Change: UK Population & Cities
3.2.1	GY15.02	London Case Study: Location
3.2.1	GY15.03	London Case Study: Migration
3.2.1	GY15.04	London Case Study Urban Change: Social & Economic Opportunities
3.2.1	GY15.05	London Case Study Urban Change: Environmental Opportunities
3.2.1	GY15.06	London Case Study Challenges: Social & Economic Inequality
3.2.1	GY15.07	London Case Study Urban Change: Environmental Challenges
3.2.1	GY15.08	London Case Study Urban Change: Urban Sprawl
3.2.1	GY15.09	Example: Urban Regeneration in London
3.2.1	GY15.10	Urban Sustainability: Water & Waste
3.2.1	GY15.11	Urban Sustainability: Energy & Green Space
3.2.1	GY15.12	Urban Sustainability: Transport
3.2.1	GY15.13	Urban Sustainability: Summary
2B: The Changing Economic World		
3.2.2	GY16.01	Classifying Development
3.2.2	GY16.02	Measures of Development
3.2.2	GY16.03	Demographic Transition Model
3.2.2	GY16.04	Uneven Development: Causes
3.2.2	GY16.05	Uneven Development: Consequences

**Questions?**  
Email [support@century.tech](mailto:support@century.tech)



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