



**Subject Knowledge Audit – GEOGRAPHY**

Please decide on your ability to teach the content/skills listed below at KS3/KS4	
<b>KEY:</b>	
4	No knowledge – Currently a gap in my subject area
3	Limited knowledge – Would not feel confident to teach this content
2	Good knowledge – Confident in ability to teach with some guidance
1	Expert knowledge - Confident to teach
The completed subject audit will be used by your Mentor to create your Individual Training Plan. Your progress will be reviewed on a fortnightly basis.	
<b>You should review and record your progress at each review window below (and share this with your Mentor)</b>	

Subject Area: Geography	Content	Baseline (4 -1)	Dec. (3 -1)	May (3 -1)	Target for NQT year if applicable
<b>Subject Knowledge: Different schools choose different options. You will NOT be expected to know everything on this list in depth.</b>					
	<b>Plate Tectonics</b>				
GG1	The theory of plate tectonics				
GG2	Structure of the earth				
GG3	Explaining the processes at different plate boundaries and formation of landforms				
GG4	Formation and characteristics of volcanoes (shield, composite, supervolcanoes)				
GG5	Formation and characteristics of earthquakes				
GG6	Causes, effects (primary and secondary) and responses to volcanic eruptions in developed and developing countries				
GG7	Causes, effects (primary and secondary) and responses to earthquakes in developed and developing countries.				
GG8	Monitoring, prediction and preparation for tectonic activity				



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	<b>Geology</b>				
GG9	Geological timescale				
GG10	Three main rock types, formation & characteristics				
GG11	The rock cycle				
GG12	Three main types of weathering				
GG13	Characteristics and distribution of granite, chalk and clay and carboniferous limestone				
GG14	Uses of rocks				
GG15	Social, economic, environmental and political issues surrounding quarrying				
GG16	Uses of quarries after restoration.				
	<b>Weather</b>				
GG17	Weather features and measuring the weather				
GG18	Factors affecting climate of the UK				
GG19	Characteristics of climate of the UK				
GG20	Formation and characteristics of depressions and anticyclones				
GG21	Extreme weather events – flooding, hurricanes, drought (cause and effects)				
GG22	Evidence for global warming				
GG23	Human and natural causes of climate change				
GG24	Impacts of global warming in the UK and rest of the world				
GG25	Response to global warming on a variety of scales				

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	Ecosystems				
GG26	Key elements of an ecosystem				
GG27	The details of a specific ecosystem e.g. pond				
GG28	Global distribution of the 8 main ecosystems				
GG29	Rainforests – characteristics, plant and animal adaptations, uses and threats and management				
GG30	Hot deserts – characteristics, plant and animal adaptations, uses and threats and management				
GG31	Cold environments – characteristics, plant and animal adaptations, uses and threats and management				
	Rivers				
GG32	Hydrological cycle – inputs, processes and outputs				
GG33	River processes – erosion, transportation and deposition				
GG34	Characteristics and features of the long profile of the river.				
GG35	Formation of landforms – waterfall, gorge, meander, ox bow lake, flood plain and levees.				
GG36	Interpreting a hydrograph				
GG37	Causes, impacts and responses to floods in a developed and developing country.				
GG38	River management – comparing hard and soft engineering approaches				
GG39	Water deficit and supply in UK and water transfer				
GG40	Water shortages – causes and impacts				

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	Ice				
GG41	Climate change, normal fluctuations and El Niño				
GG42	Extent of Britain’s ice coverage				
GG43	Glacial budget				
GG44	Case study of a glacier				
GG45	Glacial erosion, movement, transportation & deposition				
GG46	Formation of landforms through glacial erosion				
GG47	Recognition of glacial features from OS maps				
GG48	Tourism in glacial regions , attractions, impacts & management				
GG49	Impact of climate change on Alps resorts				
GG50	Cause, consequences & responses to an avalanche				

	Coasts				
GG51	Formation of waves and comparing constructive and destructive waves				
GG52	Coastal processes – erosion, transportation and deposition				
GG53	Mass movement – slumping and sliding				
GG54	Formation of discordant and concordant coastlines				
GG55	Erosional and depositional landforms: wave-cut platforms, caves, arches ,stacks, stumps, beaches, spits, bars and tombolos				
GG56	Recognising coastal features from OS maps				
GG57	Causes and impacts of rising sea levels				



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GG58	Case Study cliff collapse – cause, effects & management				
GG59	Managing coastal erosion – hard and soft engineering, advantages and disadvantages				
GG60	Location of salt marshes, formation – vegetation and animals				
	Population				
GG61	Plot and describe both the J and S curve graph relating to exponential growth and zero growth				
GG62	Calculate a country’s natural change				
GG63	Demographic transitional model – explaining changes at each stage				
GG64	Factors affecting birth and death rates				

GG65	Population pyramids – draw, label, interpret and compare population pyramids in different locations				
GG66	Link between population and sustainability				
GG67	Population policies – pro-natal and anti-natal policies (using case studies)				
GG68	Causes and effects of an ageing population				
GG69	Migration – push and pull factors				
GG70	Recent migration case studies – economic migrants in the EU and refugee movement to the EU				
	Urban Issues				
GG71	Definition of urbanisation and causes of urbanisation				
GG72	Global patterns of urbanisation				
GG73	Urban land use models (Burgess and Hoyt)				
GG74	Comparing issues in urban areas – developed and developing countries				

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GG75	Issues of Brownfield v Greenfield sites				
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GG76	Management of urban issues in developed and developing countries				
GG77	Sustainable urban living				
	Development and Changing Economic Patterns				
GG78	Measuring development – comparing ways of measuring development				
GG79	Comparing causes and effects of global inequalities				
GG80	Strategies to close the development gap				
GG81	Emergence of rapidly developing economics – BRICS				
GG82	Understanding the causes of rapid economic development				
GG83	Social, economic and environmental effects of rapid economic development				
	Resource Management				
GG84	The importance of food, energy and water				
GG85	Understanding the causes of possible future shortages in a range of resources				
GG86	Comparing the social, economic and environmental effects of resources shortages				
GG87	Evaluating strategies to manage resources shortages				
	Geographical Skills				
GG88	Use of a range of maps: interpreting features, giving directions, measuring distance and height				
GG89	Fieldwork: understanding a range of human and fieldwork techniques to investigate geographical features				
GG90	Data presentation and interpretation using a range of techniques				



**Subject Knowledge Audit – GEOGRAPHY**

**Evidence of subject knowledge development**

Record below the things you have **read and researched** to improve your subject knowledge in the boxes below.

Term 1	September/ October	November/ December
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Term 2	January/ February	March/ April
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Term 3	May/ June	June/ July
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Please sign this sheet off at the end of the training year:

Signed: \_\_\_\_\_ (Trainee)      Date: \_\_\_\_\_

Signed: \_\_\_\_\_ (Mentor)      Date: \_\_\_\_\_