

# KEY STAGE 3 - AUTUMN HALF TERM I

Year 7

Introduction to Geography and Geology							
Content	Can you solve the mystery of the Salish sea? Plastic in our Oceans	Do you know what Geography is all about? Lesson 1	Aren't some people amazing? Lesson 2	Earth's Forces. How is Water a force of nature? Lesson 3	Can you explain the water cycle? Lesson 4	Can you make your own drainage basin? Lesson 5	How does a river erode? What does your experiment tell you? Lesson 5
Assessment				Diagnostic mark ----- Identification of key places in the world (map skills baseline)			Can you place 33 key places on a map? Geography knowledge and skills assessment.  Summative Mark
Home learning	Carousel #1			Carousel quiz #2		Carousel quiz #3	

Year 8

Ecosystems							
Content	What are ecosystems? Lesson 1 & 2	What is in the THS ecosystem? Lesson 3 & 4	Why are ecosystems like baking a cake? Lesson 5 & 6	Can I eat the Sun's rays? Lesson 7	Who is THE apex predator? Lesson 8	How does death create life? Lesson 9	Why can I see oak trees and squirrels on my school field? Lesson 10 - 12
Assessment		Diagnostic mark Describe what an ecosystem is.					Summative Mark  THS School Grounds Test  Lesson 13
Home learning	Carousel #1			Carousel #2			Carousel #3

Year 9

Tectonics and Seismology					
Content	Why does the Earth spew fire and shake?	Is the surface of Earth just a moving jigsaw puzzle?	Can I prove tectonic theory?	What exactly is an earthquake?	What aspect of an earthquake causes the most damage?
Assessment		Diagnostic mark ----- What is tectonic theory?		To what extent can we prove tectonic plate theory from the evidence that we can gather on Earth?	Data added to Y9 spreadsheet.
Home learning	Carousel #1		Carousel #2	Carousel quiz #3	

# KEY STAGE 3 - AUTUMN HALF TERM 2

Year 7

Introduction to Geography and Geology					
Content	What is the rivers story? Lesson 6	Can you make your own waterfall model and explain what happens? Lesson 6	What has Geology got to do with me? Lesson 7	What happened to the Dinosaurs and how do we know?	Dinopocalypse – so what did happen?
Assessment				<b>Diagnostic mark</b> How is a waterfall formed and what changes occur on a cross profile? Exam questions.	<b>Written Report on Dinopocalypse</b>  <b>Summative Mark</b>
Home learning	Carousel #1	Optional homework can you create a model meander?	Carousel quiz #2	Carousel quiz #3	

Year 8

Why has evolution created a biodiverse planet?							
Content	What is biodiversity? Lesson 1	How did life begin? Lessons 2 & 3	How does evolution work? Lesson 4	Can tree's save the world? Lesson 5 & 6	Why can't everyone get along? Lesson 7 and 8	Why is it a dog-eat-dog world? Lesson 9	What happens when humans meddle with nature? Lesson 10 & 11
Assessment			<b>Summative mark</b> How has evolution created a biodiverse planet?		<b>Diagnostic Mark</b> Using examples, explain how two species can live in harmony .		<b>TBC</b>  <b>Summative Mark</b>
Home learning	Carousel #1			Optional Homework Ecosystem in a Bottle Carousel quiz #2			Carousel quiz #3

Year 9

Seismology and volcanology					
Content	How do we minimise earthquake damage?	How does a tectonic plate boundary create the World's longest mountain range and deepest ocean trench?	How can a composite volcano kill you, and how can you reduce that risk?	Why is Iceland so tectonically active?	What are hotspots and are they going to destroy the world?
Assessment			<b>Summative mark</b> To what extent is magnitude the most significant cause of earthquake damage?	<b>How does a composite volcano form?</b>  <b>Diagnostic Mark</b>	Data added to Y9 spreadsheet.
Home learning	Carousel #1	Optional Homework put a slice of that on your tectonic plate!	Carousel #2	Carousel quiz #3	

# KEY STAGE 3 - SPRING HALF TERM I

Year 7

Could you find your way home? Map skills through developing an understanding of the UK.						
Content	We can just use google! Introduction to maps. What are they and why are they useful?	Can you map the UK?	Can you find something using compass directions and grid references?	How do I know what everything is on a map?	Todmorden to Hebden Bridge – is it really 2cm? Measuring distances and using scale.	Todmorden is 129 metres above sea level. How do we know heights on a map?
Assessment				Diagnostic mark ----- On-going short quizzes on all skills plus UK map labels.	Revision session and recap.	Map Skills Assessment ----- Summative Mark
Home learning	Carousel #1	Carousel quiz #2	Optional Homework	Carousel quiz #3		

Year 8

Africa's Diversity					
Content	Is it possible to kill animals to save them? Lesson 1 & 2	Are we wrong about big game hunting? Lesson 3 & 4	Breaking down African stereotypes Lesson 5 & 6	You can't keep up with Kenya can ya? Lesson 7 & 8	Mapping Africa Lesson 9 & 10
Assessment		Diagnostic mark Assess whether big game hunting be reintroduced to the Nairobi National Park.			Summative mark Skills paper.
Home learning	Carousel #1		Carousel #2		Carousel #3

Year 9

What impact do humans have on our planet?					
Aral Sea Investigation.		They Lied to us! A climate change investigation.			
Assessment		Diagnostic Mark ----- Assess the most significant impact of the Aral Sea disaster.		Summative Mark ----- Prosecuting Big Oil	Data added to Y9 spreadsheet.
Home learning	Carousel #1	Optional Homework	Homework #2 Measure your Carbon Footprint	Carousel quiz #3	

# KEY STAGE 3 - SPRING HALF TERM 2

Year 7

Could you find your way home? Map skills through developing an understanding of the UK.						
Content	We can just use google! Introduction to maps. What are they and why are they useful?	Can you map the UK?	Can you find something using compass directions and grid references?	How do I know what everything is on a map?	Todmorden to Hebden Bridge – is it really 2cm? Measuring distances and using scale.	Todmorden is 129 metres above sea level. How do we know heights on a map?
Assessment				Diagnostic mark ----- On-going short quizzes on all skills plus UK map labels.	Revision session and recap.	Map Skills Assessment ----- Summative Mark
Home learning	Carousel #1	Carousel quiz #2	Optional Homework	Carousel quiz #3		

Year 8

How has Africa's past caused inequality?							
Content	How has colonisation shaped modern day Africa?	What is the role of TNC's in Nigeria?	How has Nelson Mandela reduced inequality in South Africa?	What is the current energy crisis in South Africa?	What is the current water crisis in South Africa?	Why is there famine across Africa?	How is Africa progressing across the sustainable development goals?
Assessment		Diagnostic Mark Assess the importance of TNC's in increasing economic development.					Summative Mark Is Africa working towards the sustainable development goals?
Home learning	Carousel #1		Carousel #2	Optional Homework – Recycling Project		Carousel #3	

Year 9

How unfair is our planet for the people who live here?					
Is the world a fair place to live?		How can we measure quality of life?		Are we 'factful' about the world we live in?	What demographic works best for a country?
Assessment	Diagnostic Mark ----- Which development indicator can we infer the most information from?		Summative Mark ----- Explain why HDI is a better indicator than GNI per capita.		Data added to Y9 spreadsheet.
Home learning	Carousel #1	Optional Homework .		Carousel quiz #3	

# KEY STAGE 3 - SUMMER HALF TERM I

Year 7

What happens when our weather is extreme?						
Content	What is extreme weather?	How do Air masses control our weather?	Why don't you want to be in Tornado Alley?	How does a tornado form and how do we measure them?	What happened in Joplin in 2011?	Revision of extreme weather Assessment
Assessment				Diagnostic mark ----- How is a tornado formed? Sequential learning	Revision session and recap.	Extreme weather Assessment
Home learning	Carousel #1	Carousel quiz #2		Optional Homework	Carousel quiz #3	Summative Mark

Year 8

How does what I choose to buy impact the rainforests									
Content	Where are the biomes of the world?	What makes a tropical rainforest?	Why are rainforests warm, wet and humid?	How have species adapted to the tropical rainforest?	Why is deforestation a problem?	What is human life like in the tropical rainforest?	What is palm oil?	Who doesn't care about palm oil?	Assessment
Assessment				Diagnostic Mark Explain how plants and animals have adapted to the tropical rainforest.					Summative Mark Letter to SPAR
Home learning	Carousel #1			Carousel #2			Carousel #3		

Year 9

Does globalisation widen or narrow the development gap? Investigating the Global Cotton Industry.					
	Is anything not 'Globalised?'	How globalised is the fashion industry?	Investigating Cotton through different industrial sectors.	Does the cotton industry widen or narrow the development gap?	
Assessment		Summative mark ----- How much is fashion globalised?		Diagnostic mark	
Home learning	Carousel #1	Optional Homework: Map your wardrobe.	Carousel#2		
				22 Mark Assessment	

# KEY STAGE 3 - SUMMER HALF TERM 2

Year 7

## Is our Climate Changing? How can we save the world?

Content	Is climate change real? Presenting the evidence.	No Planet B. Cause of climate change.	Are you and I killing Polar Bears? What impacts are you having on Planet earth? Was the Syria War caused because of climate change?	What impacts are you having on Planet earth?	39 Ways to Save the planet!	Should we rewild Britain?  Or ...  Eat Bugs?!
Assessment				Diagnostic mark ----- Causes of Climate change mini assessment	Revision session and recap.	Climate Change Assessment  ----- Summative Mark
Home learning	Carousel #1	Carousel quiz #2		Homework project on Food miles as a family	Carousel quiz #3	Great Big Butterfly Count for the national survey

## Why is the UK coast important?

Year 8

Content	What are coasts?	How are waves formed?	Why do coasts change?	How is a stump formed?	Why is there conflict at the Holderness coast?	How do you manage a coastline?	Who are the winners and losers of coastal management?
Assessment				Diagnostic mark ----- GCSE based exam question on erosional landforms		Summative Assessment ----- Assess the effectiveness of coastal management strategies in Holderness	
Home learning	Carousel #1		Carousel #2	Optional Homework		Carousel #3	

## How do glaciers shape the world we live in?

Year 9

	What is glaciation?	When were we covered by ice?	What landscapes do glaciers create?	Is The Lake District a glaciated landscape?
Assessment		Diagnostic ----- Describe the relationship between CO2 and temperature in the Pleistocene era.		Summative  Outline evidence of glaciation in the Lake District.
Home learning		Carousel #1		Carousel #2