ICKNIELD HIGH SCHOOL **KEY STAGE 3 CURRICULUM MAP**

'Raising the Achievement of All'

WELL-SEQUENCED **CONTEXUALISED/INCLUSIVE** **AMBITIOUS**

SUBJECT: Geography **Year: 8**

	Autumn 1 and 2: Tectonics	Autumn 2 and Spring 1: Resources and Climate Change	Spring 1 and 2: Hot Deserts and the Middle East	Summer 1 and 2: Fieldwork
Key Questions	How does the structure of the Earth create hazards and how do people respond to them?	What resources do we use and how do they affect our climate?	How are hot deserts formed and how do people survive there? What is the global significance of the Middle East?	How do geographers investigate their surroundings?
Content: 'Know what'	Students will learn about the processes, landforms and hazards caused by tectonic activity.	Students will learn about a range of resources that we use around the world. Including the positives and negatives of each and the impacts they have on the environment.	Students will learn about the location of hot deserts and how animals and plants adapt in this environment and human uses of the deserts. Students will learn about the culture and economy of the Middle East region and why is it a significant global region.	Students will learn to conduct a local investigation and interpret and analyse the data they have collected.
Expertise: 'Know how'	Studying Alfred Wegener's theory of continental drift to understand the movement of tectonic plates. Analysing case study data to decide which tectonic hazard was the worst.	Knowing the methods of climatologists such as ice cores and tree rings to interpret climate data such as the hockey stick graph.	Using the atmospheric circulation theory to explain why deserts are found in certain areas of the world. As well as Darwin's theory of evolution for animal adaptations. Understanding the desalinisation process to consider how challenges to water scarcity can be addressed and interpreting climate graphs.	Collecting and interpreting primary and secondary data.

Literacy/ Numeracy/ SMSC/	Traditional Hawaiian folk story about volcanoes Using data to compare the impacts of volcanoes in developed and developing countries	Learning about different energy strategies in a range of countries Using data to analyse how energy trends have changed since 1980	Learning about traditional aboriginal customs in Australia Drawing climate graphs to gain knowledge of desert climates Analysing climate graphs to understand differences in the climate of Middle East regions Learning about traditional Middle Eastern cultures	Drawing graphs such as radar, line and bar graphs and analysing data Gaining knowledge on sustainability and how it can be used to improve Icknield High School
Disciplinary Literacy	Guided reading to develop reading skills. Development of tier 2 and 3 vocabulary through Rate My Words, spelling test and Frayer model activities. Talk to the hand activity to develop oracy skills Extended Writing opportunities Appositive activity to develop writing skills. 'But, so, because' activity to develop explanation skills.	Guided reading to develop reading skills. Development of tier 2 and 3 vocabulary through Rate My Words, spelling test and Frayer model activities. Talk to the hand activity to develop oracy skills Extended Writing opportunities Appositive activity to develop writing skills. PEEEP activity to help develop paragraph structure.	Guided reading to develop reading skills. Development of tier 2 and 3 vocabulary through Rate My Words, spelling test and Frayer model activities. Talk to the hand activity to develop oracy skills Extended Writing opportunities Appositive activity to develop writing skills. PEEEP activity to help develop paragraph structure.	Development of tier 2 and 3 vocabulary through Rate My Words, spelling test and Frayer model activities. Extended Writing opportunities Single sentence and single paragraph activities and 'put it all together' activity to develop extended writing structure.
Careers	Examples and video links to different types of job that link to the current topic of study.			