Knowledge Overview: The Substantive and Disciplinary knowledge that our pupils will learn in each Geography unit

Geography Unit: Year 3&4- Why Do People Live Near Volcanoes?	**Lesson 1**	**Lesson 2**	**Lesson 3**	**Lesson 4**	**Lesson 5**	**Lesson 6**
Lesson Content	Lesson 1: How is the Earth constructed?	Lesson 2: Where are mountains found?	Lesson 3: Why and where do we get volcanoes?	Lesson 4: What are the effects of a volcanic eruption?	Lesson 5: What are earthquakes and where do we get them?	Lesson 6: Where have the rocks around school come from?
Substantive Knowledge	• To know and order the four layers of the Earth. • To know a fact about each layer of the Earth. • To know what a tectonic plate is.	• To know a mountain is formed by tectonic plates. • To know that most mountains are found on or near plate boundaries. • To know the name of a mountain range and state which continent it is in.	• To know how volcanoes form and describe their features. • To know where to find volcanoes globally. • To know the three ways volcanoes can be classified.	• To know the negative and positive effects of living near a volcano. • To know why people live near volcanoes.	• To know what an earthquake is. • To know where earthquakes happen. • To know the negative effects of earthquakes.	• To know the types of rocks and where they have come from.
Disciplinary Knowledge		• To know how to use an atlas to map mountain ranges		• To know how to use an atlas to locate Mount Etna		• To know how to observe different rocks and record them digitally. • To know how to use a symbol on a map to show where I found the rocks.
Key Vocabulary	• inner core • outer core • crust • magma • tectonic plate	• plate boundary • fold mountain • fault-block mountain • volcanic mountain	• magma chamber • vent • active volcano • dormant volcano • extinct volcano	• climate change • fertile soil • geothermal energy • index • minerals • negative effects • positive effects • volcanic springs	• earthquake • tsunami • fault line • epicentre • seismic waves	• natural rock • man-made rock • igneous rock • sedimentary rock • metamorphic rock
Communication development opportunities	• Kagan shoulder partner/group discussion. • Working together to create a model of the layers of the Earth.	• Kagan shoulder partner/group discussion. • Partnered matching task.	• Kagan shoulder partner/group discussion. • Paired research task.	• Kagan shoulder partner/group discussion. • Drama activity- hot seating	• Kagan shoulder partner/group discussion.	• Kagan shoulder partner/group discussion. • Fieldwork in pairs/ groups
Prior Knowledge	In their previous topic 'Who Lives in Antarctica?', pupils used maps to find human and physical features, and planned their own expedition. They have also conducted fieldwork previously in KS1 and KS2 and have used maps and atlases to locate features etc.					