Volcanoes - Knowledge Organiser **Key Vocabulary** What I will know by the end of Will know about natural and environmenta Know the weather patterns of the world an opening or rupture in the volcano this unit. issues of the world and how they could and hot and cold area in the world. Earth's crust through which address. How volcanoes are formed • lava, ash, and gases escape Lava molten, hot rock flowing Where some of the world's • from a volcano. most famous volcanoes are When a volcano erupts it Eruption sprays out lots of hot molten found. Lavers of Earth rock collect lava. Compare volcanoes ٠ a molten substance beneath magma Thin outer layer Hard rock 10km-90km thic name the layers that make the Earth's crust. • Extremely hot rock that flows, 3000km thic Eruption a volcano erupts when it up the Earth shoots out lava Mostlu liquid with some rocky parts 4000*0 name the key parts of a • Earth's core the core is at the centre of the Earth. There is a solid volcano inner core and outer liquid compare the structure of • core of molten metal. the Earth to a common the mouth of a volcano Crater Parasitic Earth's under the crust is the mantle object mantle forming about half of the categorise volcanoes as Earth. -the core is at the centre of Earth's core extinct, dormant, or active the Earth. There is a solid explain the impact of ٠ inner core and outer liquid core of molten metal. volcanoes on people and The earth's crust is made up Tectonic of large areas called tectonic plates that join the environment plates Country Rock The part of a volcano through which lava and Vent gases erupt Country Rock The continents Europe South and North Africa United Kingdom America Africa School community South and North America Volcanoes Rainforest Rivers Maps Human and Physical features **River Nile Contrasting Locations Rain Forests**