

Year 3 Geography Knowledge

What lies beneath our feet?	How can we find and capture the Iron Giant?	How can we help our farmers grow a bumper set of crops?	Were the Romans really rotten?
• Know the make-up of the Earth. Inner core, Outer core, mantle, crust. • The crust is the thin layer of solid rock that is broken into large pieces called Tectonic plates. They move slowly across the mantle. • Understand how and why earthquakes happen. Centre of an earthquake is the epicentre. • Understand why and how volcanoes occur. Where are they found in relation to tectonic plates? What happens when a volcano erupts? • Know why and how mountains are formed. Recap from mountains in Brazil in Y2. • Know about erosion and weathering and the role it plays in the formation of rocks. • Know and locate the major mountain ranges on a map, significant volcanoes and	• Know and locate on a map, cities in the UK building on knowledge from Y1 and Y2. Recap Y1/Y2. New cities: Birmingham, Liverpool, Manchester, Nottingham, Bath (Roman link), York (Viking link for Y4/5), Glasgow. Know which countries they are located in. • Identify the counties of England and can name the county we are in and counties that border ours. • Know the 7 major rivers in Britain and locate on a map. • Recognise human and physical features of a coastal location the Iron Giant visits: Bay, peninsular, harbour, cliff, lighthouse, beach etc How are these represented on a map? • Match aerial photo to a map to identify features. • Recognise OS survey map symbols of geographical features studied in KS1. • Know how to use maps of different scales inc digital maps to identify places the Iron Giant visited. • Know compass 4 compass directions, develop understanding of 8 points. • Know how to give and read grid references using letters/nos grid references.	• Can identify land use types – leisure, housing, industry, transport, agriculture for Billingham. • Know that the farming around Billingham is mainly arable, identifying crops grown in the area.	• Know different types of settlement: rural, urban, hamlet, town, village, suburban areas. • Recognise that Lincoln is a major settlement (city) and its links to other places. • Know how Lincoln was established as a major settlement, and the factors that influenced this.

earthquake prone areas in the world.	• Physical features – places visited by the Iron Giant, coast, forest, river. • Human features – places visited by the Iron Giant: city, town, village, factories, airport, docks, bridge, wind farm. • Is able to identify places in Billingham using a plan view map		
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