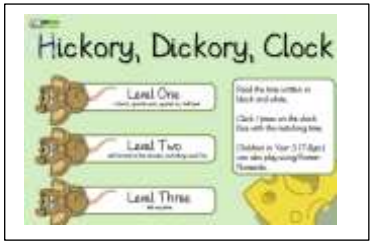
St Margaret's-at-Cliffe CP School Home Learning – Class 3 w/b: 08.06.20

	Monday	Tuesday	Wednesday	Thursday	Friday
English 	 Follow the daily English lessons on BBC Bitesize. Watch the videos, complete the online tasks but only complete the printable tasks if you can. https://www.bbc.co.uk/bitesize/tags/zmyxxyc/year-3-and-p4-lessons/1				Play Spooky Spelling at www.ictgames.com Spooky spelling 
Mathematics  Time week	Complete an investigation in your house. What can you use to tell the time? Are they showing the time as an analogue clock, or is it digital? Draw the clocks you have found and label them with the time and whether they are digital or analogue.	Watch this clip about the 24-hour clock 24-hour clock Can you make your own 24-hour time conversion line? 	Roman numerals – can you make and label a clock using roman numerals? Use this website to look up the Roman numerals for 1-12 first: Roman numerals 	Complete the 2do on Purple Mash: Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks. 	Play Hickory, Dickory, Clock! Time game  Challenge: Tick the box to change the clock to show Roman numerals

Geography	 Extreme Earth Two-week Topic: Volcanoes and Earthquakes! 1. Watch: https://www.youtube.com/watch?v=VNGUdObDoLk 2. Read about volcanoes here: https://www.weatherwizkids.com/weather-volcano.htm 3. Write 5 facts about volcanoes in your book. 4. Can you draw and label your own diagram of a volcano?  5. (Optional!) Complete the volcano experiment detailed below:

Volcano experiment	**POP BOTTLE VOLCANO** MATERIALS: • roll of mint Mentos (type of sweet) • clear 2-litre bottle of Coke (diet works better) PROCESS: **Go outside to an area where you have a lot of room. This experiment is messy! This experiment must be completed with permission from a grown up and must be supervised!** Open the bottle of Coke carefully. Position the bottle on the ground, so that it will not tip over. *Diet soft drink works better than regular soft drink. Plus, diet doesn't leave a sticky mess. Unwrap the roll of Mentos. The goal is to drop the Mentos into the bottle at the same time, which is very tricky. One method is to roll a piece of paper into a tube just big enough to hold the loose Mentos. Put a card under the roll and on top of the bottle top, so you can pull the card and the sweets will just drop in at once. Drop all of the Mentos into the bottle at the same time and then move out of the way just as quick as you can. Watch the eruption! EXPLANATION: Why does this happen? Water molecules attract to other, linking together to form a tight mesh around each bubble of carbon dioxide gas in the fizzy drink. When you drop the Mentos in the pop, the gelatin and gum arabic from the dissolving sweets break the surface tension. Each Mentos sweet has thousands of pits on the surface. These tiny pits are called nucleation sites, perfect places for the carbon dioxide bubbles to form. As soon as you drop the Mentos in the soda, bubbles form all over the surface of the sweet. Couple this with the fact that the sweets are heavy and sink to the bottom of the bottle and you're just asking for an explosion. When all this gas is released, it literally pushes all the liquid up and out of the bottle in an amazing blast.