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| **Learning Project - WEEK 1 – last week of our topic ‘Earthquakes and Volcanoes’** **(Note – English is unrelated to topic this week)** |
| **Year 4** |
| **Weekly Maths Tasks (Aim to do 1 per day)**  | **Weekly Reading Tasks (Aim to do 1 per day)** |
| * Working on [Times Table Rockstars](https://play.ttrockstars.com/auth/school) – or spelling shed (which has times tables) your child will have an individual login to access this
* Complete the White Rose activity sheets based on fractions and decimals. Separate PDF document on this webpage.
* Play on [Hit the Button](https://www.topmarks.co.uk/maths-games/hit-the-button) - times tables and division facts.
* Log in and use [Study Ladder](https://www.studyladder.co.uk/login/account) which has Y4 specific maths learning and activities which will be uploaded. Log in details sent out.

 * Practise telling the time. This could be done through this [game](https://mathsframe.co.uk/en/resources/resource/116/telling-the-time) (scroll down to access the game). Children need to be able tell time to the nearest minute on analogue and digital clocks.
* Practise times tables in homework book, especially missing number and division problems. Good to also practise times and divide by 10 (including into decimals).
 | * Read school library book and complete associated accelerated reader quizzes. Login details sent out.
* Listen to or read to your child. Discus with them what they have read and ask questions, referring to VIPERS: vocabulary, infer, predict, explain, retrieve, summarise.
* Get your child to read a book on [Oxford Owl](https://www.oxfordowl.co.uk/), discuss what your child enjoyed about the book. Free e-books available
* Complete ‘[The Monkey Symphony](https://www.literacyshed.com/monkey-syphony.html)’ reading vipers. Questions available as a separate PDF document on this webpage.
* Listen to/watch [Michael Rosen Poems and Kids](https://www.youtube.com/channel/UC7D-mXO4kk-XWvH6lBXdrPw) and write a short review. What you like, dislike and give a recommendation.
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| **Weekly Spelling Tasks (Aim to do 1 per day)** | **Weekly Writing Tasks (Complete over the week)** |
| * Practise your spelling on[**Spelling Shed**](https://www.spellingshed.com/en-gb)
* Using the PDF document on this webpage, practise the Spelling shed activities for this week’s spellings. Each week progress to the next spelling list.
 | * **Task A**

**Build a monster out of LEGO or junk modelling material (or draw one), then describe it using show not tell and expanded noun phrases.**Expand after the noun using with, prepositions (e.g. in, on, under) or with a relative pronoun (that, which, who). Your writing should be about half a page of A4* **Task B**

**Write instructions for how you built your monster (or how you drew it if you had to draw it two dimensionally on paper)**Use numbered steps with fronted adverbials (firstly, next, after that, finally). Use imperatives (put, twist, turn, attach) and adverbs to say where and how it should be done. Test your instructions out on a family member to see if they can make/draw the monster.* **Task C**

**Create a story where your monster features as one of the main characters**.Plan it first so that it has 4 sections (could be 4 paragraphs or more). Remember to link the paragraphs cohesively using a synonym or antonym and try to use powerful verbs with adverbs, expanded noun phrases and subordinating conjunctions (because, whilst, when, if, since). |
| **Learning Project - to be done throughout the week** |
| **The project this week aims to continue our learning of earthquakes and volcanoes. These tasks will involve some geographical and art skills aimed at improving our understanding of why, where and when earthquakes occur.** * **Let’s Wonder:**

Where do most earthquakes occur? Why don’t the largest earthquakes always cause the most death and disruption? How often do earthquakes happen? What affects how much damage an earthquake will cause? How do scientists know about earthquake and volcanic activity? What affects can earthquakes have on big buildings and cities?* **Let’s Create:**

Make your own seismograph using this link <https://www.sciencebuddies.org/stem-activities/make-a-seismograph>. Use this you tube clip to have a go at drawing an earthquake crack in the ground <https://www.youtube.com/watch?v=31AAgOny2Ro>.Image result for science jpeg* **Let’s Investigate:**

Look at melting, cooling, condensing, freezing, solidifying and discuss changes of state from solid to liquid – use an ice cube or melt some chocolate. Sort objects in the home into solid, liquid, gas. Look at the water cycle and relate to the condensation seen outside the shower.* **Be Active:**

[Go Noodle](https://www.gonoodle.com/) with the family or have a family workout. Fancy a dance? There are lots of dance videos they could try. [Dance](https://www.youtube.com/watch?v=8-9Sm6_yE98). Maybe try some [Yoga](https://www.youtube.com/watch?v=R-BS87NTV5I&vl=en). Joe Wicks has [a YouTube channel](https://www.youtube.com/results?search_query=joe+wicks+kids+workout) with some workouts too.***At least 2 hours of exercise a week is recommended.**** **Time to Talk/Mental Workout:**

Try to play a board game, jigsaw or complete a Sudoku/crossword puzzle. Consider using a worry monster or box and talking through your child’s worries with them each day at a set time.* **Reflect:**

Jot down a short reflection of your day. How has it been? What have youfound tricky? Have you done anything special or learned something new?Maybe some of the jobs you have done around the house. Colour a circle to show. Green for great, orange for ‘ok’ and blue for anything else. |
| **Additional learning resources parents may wish to engage with** |
| [**Classroom Secrets Learning Packs**](https://classroomsecrets.co.uk/free-home-learning-packs/) **-** These packs are split into different year groups and include activities linked to reading, writing, maths and practical ideas you can do around the home. [**Twinkl**](https://www.twinkl.co.uk/offer/UKTWINKLHELPS?utm_source=promo&utm_medium=email&utm_campaign=England_coronavirus_schools_email&utm_content=offer_link) **-** to access these resources click on the link and sign up using your own email address and creating your own password. Use the offer code UKTWINKLHELPS.  |
| **If you would like any extra information, please feel free to email gmayne@ladysmithfederation.net** |