Llamas – Week 8 – 08.06.20 – 14.06.20

Under the Sea

English Tasks (Reading, Writing, Spelling, Grammar)

1) **Purple Mash 2do** – Read Chapters 1 & 2 of "Mary Anning and the Time Twister." Think back to September… we learned about Mary's sad start in life and her amazing fossil hunting, during our dinosaur topic – we acted out the story in assembly. Answer the quizzes about each chapter.

2) **Purple Mash 2do –** Write a recount of a school trip – Remember to have an introduction (who, went where, when?) use the past tense, use time connectives, write in paragraphs and finish off with a concluding sentence or paragraph.

3) **Purple Mash 2do –** Write the next chapter of the story… where does the time twister take the children next?

4) **Purple Mash 2do –** Spellings – learn the next 10 spellings from your word list.

5) Visit the Literacy Shed for this wonderful resource on The Lighthouse. You don't need to do all of the activities, watch the film and then choose a few you like. If you don't have a printer, choose the activites where you can write the answer on paper.

6) Create a diary entry based on a day in the life of a deep sea diver. Remember diaries are in the past tense, informal/chatty language, chronological (time) order and uses time connectives e.g. first, next, later that day, at 7 o'c'lock, after that. Remember to put a comma after the time connective.

7) Compose your own poem of what you would like to do if you were a sea creature? Why not perform it to the family?

8) Choose one sea creature of interest. Write a description about it in detail. Think about: its appearance (what does it look like?), movement (how does it move?) and actions (what does it do?). Remind them to include interesting adjectives, adverbs and complex sentences – joined with conjunctions such as but, so, although, which…

9) Using the information you found in 4) can you write a non-fiction information report about your sea creature? This should include: subheadings, key information, pictures and interesting facts. If you have access to a PC, you could type this up and email it to me at siggersc@thomasson.bolton.sch.uk.

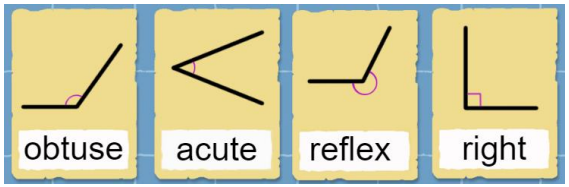
10) Write an under the sea adventure story. You should include: setting and character descriptions, a beginning a middle and an end in separate paragraphs, dialogue (speech), interesting vocabulary and a range conjunctions.

11) Read a book about sea creatures. You may find one on Google Books or Oxford Owl if you don't have one at home. Write a true/false quiz based on the book you read.

12) Click here to read First News. You will need to enter a valid email address to be able to read the free edition so get an adult to help you. Can you find the following: good news, bad news, reference to a famous politician, a story about a popstar and the name of a city or country.

13) Create a glossary (a mini-dictionary full of vocabulary about the same topic) for these sea-related words: **estuary, algae, plankton, tsunami** & **urchin**. Can you draw illustrations to represent each of these words too?

Maths Tasks



An angle is a measure of a turn, measured in **degrees or °**. There are **360°** in a full turn. You can find out the size of an angle using a protractor.

- An angle less than 90° is **acute**.
- An angle between 90° and 180° is **obtuse**.
- An angle greater than 180° is **reflex**.
- An angle of exactly 90° is a **right-angle**.

This week we are thinking about: <u>Angles</u>.
What is an angle? Where 2 straight lines touch an angle is created (corner/vertex on a shape). Angles can be different sizes and have different names.

Look at this video on BBC Bitesize https://www.bbc.co.uk/bitesize/topics/zb6tyrd/articles/zg68k7h (you can turn subtitiles on by clicking the speech bubble in the bottom right hand corner of the video). Complete the 2 activities further down the page as well.

Top Marks website explains angles too http://www.skoool.com.eg/english/skoool_bundle/content/secondary/maths/angle_types/index.html (it needs Flash).

Purple Mash 2Do – Acute and Obtuse Angles.

Purple Mash 2Do – Ordering Angles – if you don't get 5/5 – play it again until you do!

Purple Mash 2Do – Types of Angles

Purple Mash 2Do – Angles. I found questions 7) and 8) a little confusing to look at – have a go, but don't worry if you don't answer correctly!

Purple Mash 2Do – Angles in Triangles. The 3 angles inside a triangle always add up to 180 degrees. Use your adding and subtracting skills to work out the missing angle.

Purple Mash 2Do – Estimate Angles. A bit tricky this one! Keep thinking about the information at the top of this page and have a go. If you get it wrong, click on the button in the top right of the screen that says (Your Answer) - it will show you the correct answer, so you can see if your estimate was close or not!

https://www.topmarks.co.uk/Flash.aspx?a=activity16 This is quite a challenging activity – keep trying it's a good one (Resilient Robins!)

http://flash.topmarks.co.uk/4772 Turn the water gun to squirt the objects. Set the size of the angle using the red arrow keys. Then, click on the angle you have chosen and drag it on to white label below the water gun. Remember to press 'Reset' at the start of each question. (You will need to enable Flash).

https://mathsframe.co.uk/en/resources/resource/470/Angle-Alien-Attack This game teaches you to read from a protractor (the equipment we use to measure an angle). Find the end that is 0 and follow it round to the yellow line. Click on the numbers to enter the angle and press 'Rocket Launch.' Be careful 0 isn't always on the same side of the protractor…

Times Tables Rock Stars Website – Log in and do 5-10 minutes every day…

Under the Sea - Learning Project - to be done throughout the week

The project this week aims to provide opportunities to learn more about life in and around the sea. Learning may focus on the strange and wonderful creatures and plants that occupy our oceans, their habitats and how human beings affect this environment.

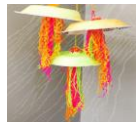
- **Working Together to Save Our Oceans -**The BBC programme Blue Planet 2 sparked an outcry about the health of our oceans and the huge threat caused by plastics, but lots of people around the world are working hard to help solve this problem- read about Madison Edwards, a 12 year old environmental activist. What can you do to help look after our oceans? Keep a 'plastic diary' recording how much single-use plastic your family uses. write down one thing that your family will do to use less plastic.

- **Speeding Through The Seas-** Sailfish are the fastest fish in the ocean. Challenge 1: be just as speedy and complete the following 5 activities as fast as possible: Star jumps, tuck jumps, press-ups, squats and lunges. Record how many repetitions of each activity you can perform in 1 minute. Can you beat your personal best? Challenge 2: Record your heart rate (beats per minute) after each activity – use 2 fingers (not a thumb) on your wrist or side of your neck. ***Recommendation at least 2 hours of exercise a week.***

- **Pirates: Daring Figures of History or Brutal Sea-Thieves?-** Many books have been written and movies made about pirates. But who were the real pirates of the past? Explore these facts about real pirates from history. You could create a fact file or information report about what you have learned, including key dates and figures. Or, you could create a 'wanted' poster for a pirate, including facts about his/her deeds and adventures. If you did it on Purple Mash I would be able to see it easily, or you could take a photo and email it to me on siggersc@thomasson.bolton.sch.uk.

- **Bioluminescence: Lighting up Our Oceans -** Many sea creatures possess a fascinating light-producing ability called bioluminescence. Some fish dangle a lighted lure in front of their mouths to attract prey, while some squid shoot out bioluminescent liquid, instead of ink, to confuse their predators. Can you find out about bioluminescence and how some sea creatures rely on this for their survival. You could choose a sea creature which uses bioluminescence (like the anglerfish) and create a poster fact sheet about it, including what bioluminescence is and how your chosen sea creature uses it.

- **Artwork to Light up Your Life-** Following on from what you have learned about bioluminescencece, create a bioluminescent sea creature inspired piece of artwork. You could do this as a drawing or as a model. Make sure you use bright colours and make it as realistic as possible.



STEM Learning Opportunities #sciencefromhome

Autosub 6000 Ocean Floor Mission

- Learners will need a basic understanding of Scratch before carrying out this Unit. You have all used Scratch in school before – see if you can remember how. Guides and online tutorials are available here if needed.
- Use scratch to debug and improve the Autosub6000 around the ocean floor. Activity notes and instructions can be found here.

#TheLearningProjects