



Week 8: Learning Project - Under the Sea
W/c 8/6/20

Year 5

Additional activities will be set by teachers on: spag.com & [Purple Mash](https://purplemash.com). Also look on the class blog/s on Purple Mash
Please also see the [School Website](http://mellorprimaryschool.co.uk) for a whole host of other ideas.

Weekly Reading Tasks – ongoing tasks on Purple Mash	Weekly Spelling Tasks
<p>Monday- Complete the ‘New species’ reading comprehension saved on the blog. Remember to underline words that you do not know and use a thesaurus or ask a family member to help you with your understanding. Answers are provided for you to check your own.</p>	<p>Monday- Create a vocabulary bank about life under the sea which includes verbs, adverbs, expanded noun phrases and relative clauses.</p>
<p>Tuesday- Create a true or false quiz based on a book you have read. Test it out (remotely) on a friend who has also read the book or share it on the class blog for more friends to try.</p>	<p>Tuesday- Some words end with a ‘shus’ sound. How many more words can you think of which end with -tious or -cious? Write a list of the words and their meanings.</p>
<p>Wednesday- Listen to and read along with The Mermaid’s Lament. Find the glossary in the Teach section and identify some of the terms used in the poem, for example rhyme and personification. Write a poem of your own with an ‘Under the Sea’ theme and share it with someone (This could be on the blog).</p>	<p>Wednesday- Pick 5 Common Exception words from the Year 5/6 spelling list. Pick one spelling at a time and write it as many times as they can in one minute. Challenge a family member and see if you can beat them.</p>
<p>Thursday- Complete the ‘Life Cycle’ reading comprehension saved on the blog. Remember to underline words that you do not know and use a thesaurus or ask a family member to help you with your understanding. Answers are provided for you to check your own.</p>	<p>Thursday- Create a glossary for these sea-related words: estuary, algae, plankton, tsunami & urchin. Draw illustrations to represent each of these words too.</p>
<p>Friday- Read First News or a free local newspaper and find the following articles: good news, sports news, reference to a famous politician, a story about a popstar and the name of a city or country? Share an interesting fact on the class blog.</p>	<p>Friday- Proofread your writing from the day/week. Use a dictionary to check the spelling of any words that you found challenging. Can you improve any of your word choices?</p>

Weekly Writing Tasks	Weekly Maths Tasks- Fractions
<p>Monday- Visit Literacy Shed to watch the video clip: The Lighthouse. Write a newspaper report about the event and use the report checklist saved on the blog to ensure that you include all of the key features. You can also use the reading comprehension text as an example to refer to.</p>	<p>Monday- Watch the White Rose video for Equivalent fractions (Summer Term - Week 4 (w/c 11th May) Lesson 2 and complete the tasks saved on the school website. BBC Bitesize also has additional videos and activities on this subject area.</p>
<p>Tuesday- Watch the video on Modal Verbs and complete the tasks linked to it. Look out for modal verbs in your reading during the week.</p>	<p>Tuesday- Watch the White Rose video for Converting fractions (Summer Term - Week 4 (w/c 11th May) Lesson 3 and complete the tasks saved on the school website. BBC Bitesize also has additional videos and activities on this subject area.</p>
<p>Wednesday- Choose one sea creature of interest. Why not look at some of the more unusual sea creatures here. Write a description about it in detail. Think about: its appearance, movement and actions. Use ambitious vocabulary and complex sentences to bring your creature to life.</p>	<p>Wednesday- Watch the White Rose video for Ordering fractions (Summer Term - Week 4 (w/c 11th May) Lesson 4 and complete the tasks saved on the school website. BBC Bitesize also has additional videos and activities on this subject area.</p>
<p>Thursday- Following on from yesterday, write an information report about your sea creature. This should include: subheadings, key information, pictures and interesting facts. Think about the rainforest animal report we created in school as an example. If you have access to a PC, type this up once you have edited your final version.</p>	<p>Thursday- Watch the White Rose video for Add and subtract fractions (Summer Term - Week 5 (w/c 18th May) Lesson 1 and complete the tasks saved on the school website. BBC Bitesize also has additional videos and activities on this subject area.</p>
<p>Friday- Write an under the sea adventure story. Include: dialogue, ambitious vocabulary and a range of openers and conjunctions. Why not record yourself reading it and upload it to the blog?</p>	<p>Friday- Watch the White Rose video for Add fractions (Summer Term - Week 5 (w/c 18th May) Lesson 2 and complete the tasks saved on the school website. BBC Bitesize also has additional videos and activities on this subject area.</p>

Learning Project - to be done throughout the week

The project this week aims to provide opportunities for you 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. Think about how to help preserve our oceans and 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 yourself to 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 or a family member? Record your heart rate (beats per minute) after each activity. Think how you could present your heart rate. 
- **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. Create a fact file or information report about what you have learned, including key dates and figures. Alternatively, create a 'wanted' poster for a pirate, including facts about his/her deeds and adventures.
- **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. Watch the following video clips and [find out about bioluminescence](#) and how [some sea creatures rely on this](#) for their survival. Now 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 bioluminescence, create a bioluminescent sea creature inspired piece of artwork. Based on the resources you have available at home, choose to express this as a [drawing](#) or as a [model](#). Use bright colours and be as realistic as possible. **Share your finished product on the art & DT blog on Purple Mash.** 

STEM Learning Opportunities

Autosub 6000 Ocean Floor Mission

- Learners will need a basic understanding of Scratch before carrying out this Unit. 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](#). You will need to register on the website to gain access.

Coronavirus and Wellbeing- Coping with Change

The change that Covid-19 has caused to our lives has been difficult and has provided countless challenges. For many children, the uncertainty and disruption to everyday life has caused worry and anxiety. These tasks are designed to help children process the current situation, begin to make sense of it and plan for returning to a different normal.

Think

- Explaining to children what the Coronavirus is and how to stop the spread can be a challenging task. [This fact sheet](#) does this in a child-friendly way. Alternatively, there is an animated version [here](#).

Talk

- Talk to your child about their worries and anxieties, considering what they can control and what they cannot control e.g. *I can keep up with my home learning by checking which tasks I have to do today. I cannot control when this will all be over. Scientists, doctors and governments will help to manage this.*

Do

- Ask your child to make 2 lists: one listing all of the issues that are not within their control and the other listing issues that are within their control. After this, support your child with listing who is responsible for the issues out of their control and then what they can do to support the issues within their control. This activity should help your child feel more in control about the current situation.

Visit

- [This document](#) from Emerging Minds offers evidence based advice for anyone supporting children and young people with their worries.

Additional learning resources parents may wish to engage with

- [Times Table Rockstars](#). Your child can access this using their school logins. On Times Table Rockstars, children should aim to play Soundcheck for 20 minutes daily and compete in a Battle of the Bands.
- [Y5 Talk for Writing Home-school Booklets](#) are an excellent resource to support your child's speaking and listening, reading and writing skills.

If you want to access teaching material daily, we suggest the following resources:

- [White Rose Maths](#) This is the Maths Scheme of work we follow in school so is the perfect choice. There is a daily lesson from Early Years to Year 6 with a short video showing you clearly and simply how to help your child to complete the activity successfully. The Activity Sheets are available [here](#).
- [The Oak Academy](#) is a virtual school providing 180 free lessons a week for children from Reception to Year 6. It is supported by various education organisations including the Sutton Trust, the Teaching Schools Council and is being backed by the DfE.
- [BBC Bitesize](#) have daily lesson which have been created with teachers and other educational experts and feature a mix of videos, animations, practice activities, quizzes and games.

in collaboration with

