



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

Year 6

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

Weekly Reading Tasks	Weekly Spelling Tasks
<p>Monday- Complete the <i>'Layers Of The Ocean'</i> comprehension task saved on the Purple Mash blog. Highlight words that you do not know and then use a thesaurus or ask a family member to help you with your understanding. Finally, check your answers.</p>	<p>Monday- Create a glossary for these sea-related words: abyss, trench, ocean, sea, reef, transparent, oceanographers and unique. Draw diagrams to represent each of these words too.</p>
<p>Tuesday- Read <i>'Into The Deep'</i> and <i>'Secrets of The Blue Holes'</i> saved on the Purple Mash blog. Use text marking to highlight the key facts from the poster and cartoon. Use these to complete the Quiz set below in the writing challenges.</p>	<p>Tuesday- Some words end with a <u>'shus' sound</u>. 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.</p>	<p>Wednesday- Select the 5 most challenging words from the Year 6 spelling list on the Purple Mash blog. Pick one spelling at a time and write it as many times as you can in one minute. Challenge a family member and see if you can beat them.</p>
<p>Thursday- Complete the <i>'Tsunamis'</i> comprehension task saved on the Purple Mash blog. Highlight words that you do not know and then use a thesaurus or ask a family member to help you with your understanding. Finally, check your answers.</p>	<p>Thursday- Create a vocabulary bank about life under the sea which includes verbs, adverbs, expanded noun phrases and relative clauses.</p>
<p>Friday- Read First News. Find an article that links to oceans or under the sea eg ocean animals, pollution, effects of climate change etc. This could also be completed with a free, local newspaper.</p>	<p>Friday- Proofread your writing from the day/week. Use a dictionary to check the spelling of any words that you found challenging. Use a Thesaurus to improve any of your word choices.</p>

Weekly Writing Tasks	Weekly Maths Tasks- Fractions
<p>Monday- Using information from Monday's reading task, and any additional research, write a descriptive passage about '<i>Life in the Twilight Zone, Life in the Abyss or Life in the Midnight Zone</i>'. Try to include all the words used in the glossary constructed from Monday's Spelling task.</p>	<p>Monday- Watch the White Rose video for 'Fraction to Percentages' (Summer Term - Week 6 (w/c 1st June) 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>Tuesday- Create a true or false quiz based on the materials you have read for our 'Under The Sea' focus. Test it out (remotely) on a friend or relative, or share it on the class blog for more friends to try</p>	<p>Tuesday- Watch the White Rose video for 'Equivalent FDP' (Summer Term - Week 6 (w/c 1st June) 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>Wednesday- 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- Watch the White Rose video for 'Order FDP' Week 6 (w/c 1st June) 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>Thursday- Choose one sea creature of interest. You could look at some of the more unusual sea creatures here and 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>Thursday- Watch the White Rose video for 'Percentages of amounts' Week 6 (w/c 1st June) 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>Friday- 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, you could share this on the blog.</p>	<p>Friday- Complete the challenge set on White Rose Summer Term - Week 6 (w/c 1st June) Lesson 5</p> <p>Complete the weekly Mental Arithmetic test paper on Purple Mash.</p> <p>Compete in a 'Battle of The Bands' on Times Table Rockstars</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. 

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.
- [Y6](#) Talk for writing booklets is 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](#) has daily lessons which have been created with teachers and other educational experts and feature a mix of videos, animations, practice activities, quizzes and games.

#TheLearningProjects
in collaboration with

