# Learning Project WEEK 8 – Under the Sea

**Age Range:** Year 5 and Year 6

## Weekly Maths Challenges (Aim to do 1 per day)
- Working on [Times Table Rockstars](https://www.ttrockstars.com) – there is a battle between boys and girls which will end next Friday.
- Daily [arithmetic](https://www.mathletics.com) for different areas of maths. Ask your child to work on level 4, 5 and 6 activities.
- Get your child to work on their [reasoning and problem solving](https://www.mathletics.com) by practising past SATs questions that are broken down into topic areas and have videos linked to them that can be watched if needed. As these are older papers these are suitable for both years 5 and 6. Click on one of the topic areas listed to gain access to the questions.
- Here are some mini maths tasks ([https://myminimaths.co.uk/year-5-mini-maths/](https://www.myminimaths.co.uk/year-5-mini-maths/)). Encourage your child to work through the activities given for each day for their specific year group.
- Work through video lessons and activities under ‘Summer term week 3’ from white rose. There are 5 lessons – do as much as you can. [https://whiterosemaths.com/homelearning/year-5/](https://www.whiterosemaths.com/homelearning/year-5/)
- Complete the daily Maths challenges on Seesaw

## Weekly Reading Challenges (Aim to do 1 per day)
- Encourage your child to read for enjoyment whilst listening to these sea [noises](https://www.youtube.com). There are more choices on [Google Books](https://books.google.com) or [Oxford Owl](https://www.oxfordowl.co.uk).
- Ask your child to create a true or false quiz based on the book they read yesterday. Can they test it out (remotely) on a friend who has also read the book?
- Ask your child to listen to and read along with [The Mermaid’s Lament](https://www.poetryfoundation.org/poems/59794). Find the glossary in the Teach section and see if your child can identify some of the terms used in the poem, for example rhyme and personification.
- Click on this [Oxford Owl link](https://www.oxfordowl.co.uk) for a reading comprehension activity about sea adventures. Challenge your child to read the text in under 3 minutes and complete the comprehension questions.
- Your child can read the [First News](https://www.firstnews.co.uk). Can they 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. This could be completed with a free, local newspaper.
- Create a video reviewing your reading book and share it on our Seesaw app.
- Watch Miss Corcoran’s and Mrs Foster’s reading videos on the school website.

## Weekly Spelling Challenges (Aim to do 1 per day)
- Some words ends with a ‘shus’ sound. How many more words can your child think of which end with -tious or -cious? Write the meanings.
- Choose 5 [Common Exception words](https://www.teachernet.gov.uk/teachingлансп/primary/reading/spelling). Challenge your child to pick one spelling at a time and write it as many times as they can in one minute. Can they beat their score?
- Practice spellings on [Spelling Frame](https://spellingframe.co.uk/).
- Create a vocabulary bank about life under the sea which includes verbs, adverbs, expanded

## Weekly Writing Challenges (Aim to do 1 per day)
- Describe a daily picture from [Pobble](https://pobble.com)
- Visit the Literacy Shed for this wonderful resource on [The Lighthouse](https://littleshepherd.co.uk). Or your child can create a diary entry based on a day in the life of a deep sea diver.
- Choose one sea creature of interest. They can write a description about it in detail. Think about: its appearance, movement and actions. Remind them to include ambitious vocabulary and complex sentences.
- Can your child write an information report
noun phrases and relative clauses.

- Get your child to proofread their writing from the day. They can use a dictionary to check the spelling of any words that they found challenging.

about their sea creature from yesterday? This should include: subheadings, key information, pictures and interesting facts.

- Write an under the sea adventure story. Your child should include: dialogue, ambitious vocabulary and a range of openers and conjunctions.

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<th>Learning Project - to be done throughout the week</th>
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<td>The project this week aims to provide opportunities for your child 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.</td>
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- **Let’s Wonder:** 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. Direct your child to find out about bioluminescence and how some sea creatures rely on this for their survival. They could then choose a sea creature which uses bioluminescence (like the anglerfish) and create a poster fact sheet about it, including what bioluminescence is and how their chosen sea creature uses it.

- **Let’s Create:** Following on from what your child learned about bioluminescence, direct them to create a bioluminescent sea creature inspired piece of artwork. Based on the resources you have available at home, they could choose to express this as a **drawing** or as a **model**. Encourage them to use bright colours and to be as realistic as possible.

- **Be Active:** Sailfish are the **fastest fish in the ocean**. Challenge your child to be just as speedy and complete the following 5 activities as fast as possible: Star jumps, tuck jumps, press-ups, squats and lunges. Ask them to record how many repetitions of each activity they can perform in 1 minute. Can they beat their personal best? Challenge them to record their heart rate (beats per minute) after each activity. **Recommendation at least 2 hours of exercise a week.**

- **Time to Talk:** 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. Encourage your child to do their bit to help preserve our oceans by asking them to keep a ‘**plastic diary**’ recording how much single-use plastic the family uses. Ask them to **write down one thing** that the family will do to use less plastic.
• **Understanding Others and Appreciating Differences:** Many books have been written and movies made about pirates. But who were the real pirates of the past? Direct your child to explore these facts about real pirates from history. They could create a fact file or information report about what they have learned, including key dates and figures. Alternatively, they could create a 'wanted' poster for a pirate, including facts about his/her deeds and adventures.

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**Other great learning resources**

- **Classroom Secrets Learning Packs** [https://classroomsecrets.co.uk/free-home-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** - 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.
- **BBC Bitesize** - Lots of videos and learning opportunities for all subjects.
- **White Rose Maths** online maths lessons. Watch a lesson video and complete the worksheet (can be downloaded and completed digitally)
- **IXL online.** Click here for Year 5. There are interactive games to play and guides for parents.
- **Mastery Mathematics Learning Packs.** Take a look at the mastery mathematics home learning packs with a range of different activities and lessons.
- **Y5 Talk for Writing Home-school Booklets** are an excellent resource to support your child’s speaking and listening, reading and writing skills
- **Pobble 365** - Pick a picture and write a story about what you can see. Use the story starter, sentence challenge or sick sentences to help you with your writing. Literacy Shed
- Take a look at the **Literacy Shed** for some fantastic clips to base your writing on.