

Learning Project WEEK 8 – Under The Sea

Age Range: Y5

Weekly Maths Tasks (Aim to do 1 per day)	Weekly Reading Tasks (Aim to do 1 per day)
<ul style="list-style-type: none"> ● Get your child to play on Times Table Rockstars. ● Complete the White Rose Maths lessons 1-4 over the week. ● Complete the weekly maths challenges on Sumdog. ● Complete the daily High 5 questions. ● Write down the names and ages of each member in your household in years. Get your child to convert the ages into months, days, hours etc. ● Pick your level of challenge – mild, spicy or hot – from the reasoning questions and work out the answers. Use the answers provided to check yours. ● Play on Hit the Button – focus on tables, division facts and squared numbers. ● Complete the ‘Extra’ reasoning and arithmetic questions if you wish. 	<ul style="list-style-type: none"> ● Ask your child to read daily from their home reading book or their Accelerated Reader book. Complete quizzes as usual (link is on the school website). ● Ask your child to listen to and read along with The Mermaid’s Lament. Find the glossary in the ‘Teach’ section of the website and see if your child can identify some of the terms used in the poem, for example rhyme and personification. ● Read the “End Plastic Pollution” reading comprehension and answer the questions. Select your level of challenge – mild, spicy or hot. Use the answers to mark your own work. ● Your child can read the First News. 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. ● Record your child’s reading in their reading journal each time they read. Send a photo of this weekly to the class teacher and this reading will continue to count towards reading credits – this must be done weekly and will not be backdated on return to school.
Weekly Spelling Tasks (Aim to do 1 per day)	Weekly Writing Tasks (Aim to do 1 per day)
<ul style="list-style-type: none"> ● Learn the following spellings: definite, desperate, literate, secretary, stationary, dictionary, Wednesday, familiar, original, animal, carriages, hedges, structures, creatures – test on Friday and send picture to class teacher on Dojo. ● Then ask your child to choose 5 spellings from the list above and write a sentence for each one. ● Choose 5 different words from your spelling list and. ● Your child can create a vocabulary bank about life under the sea which includes verbs, adverbs, expanded noun phrases and relative clauses. ● Get your child to proofread one piece of writing from this week. Concentrate on spellings and words which could be improved. They may want to use a thesaurus or on-line version to make sure their word choices paint a picture for the reader. ● Spend 20 minutes on spelling activities on Sumdog and try to complete the weekly spelling challenge. 	<ul style="list-style-type: none"> ● Visit the Literacy Shed for this wonderful resource on The Lighthouse. Or, your child can create a diary entry based on a day in the life of a deep sea diver. ● Ask your child to compose their own poem of what a person wishes they could do if they were a sea creature? Why not perform it to the family? ● Ask your child to 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 about their sea creature of interest? This should include: subheadings, key information, pictures and interesting facts. If you have access to a PC, your child could type this up once they have edited their final version. ● Spend 20 minutes on grammar activities on Sumdog and complete the weekly grammar challenge.

Online Safety – Complete one of the activities from the Online Safety – Family Activities booklet.

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.

- **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. Direct your child to [read about Madison Edwards](#), a 12 year old environmental activist. Encourage them 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.
- **Speeding Through The Seas**- 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.**
- **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? 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.
- **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. 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.



Artwork to Light up Your Life- 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. Remember to tweet a photo of their artwork using [#TheLearningProjects](#).



Additional learning resources parents may wish to engage with

- [BBC Bitesize](#) - Lots of videos and learning opportunities for all subjects.
- [Classroom Secrets Learning Packs](#) - Reading, writing and maths activities for different ages.
- [Twinkl](#) - Click on the link and sign up using your email address and creating a password. Use the offer code UKTWINKLHELPS.
- 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.