

Year 5

Learning Project Week 9: Under the sea

Maths Tasks (Aim to do 1 a day)

Complete the daily maths work via the Oak National website and answer the questions on the quizzes.

If you are continuing to use WhiteRose Maths, here are this week's worksheets [L1](#), [L2](#), [L3](#), [L4](#) that match up with [the videos](#).

Answers: [L1](#), [L2](#), [L3](#), [L4](#)

Don't forget to use MyMaths and Timestable Rockstars too.

Monday: [Lesson 1 Converting time](#)

[Lesson 1 Quiz](#)

Tuesday: [Lesson 2 Solve problems involving converting between hours and minutes](#)

[Lesson 2 Quiz](#)

Wednesday: [Lesson 3 To convert between units of length](#)

[Lesson 3 Quiz](#)

Thursday: [Lesson 4 To apply length conversion to problems](#)

[Lesson 4 Quiz](#)

Friday: [Lesson 5 To find the perimeter and convert units of measurement](#)

[Lesson 5 Quiz](#)

Writing Task

Task 1: Watch [the video](#) and choose one of the sea creatures that interest you. Once you've chosen one, I would like you to write a detailed description about it. Think about: its appearance, movement and actions. Make sure you include ambitious vocabulary, complex sentences and expanded noun phrases.

Task 2: Write an information report about the sea creature you chose for **Task 1**. This should include: subheading, key information, pictures and captions, paragraphs and lots of interesting facts.

Before writing this you may want to research a bit more about the sea creature you chose. Think about the different subheadings you will have in your report.

You might even want to type this up after you have completed it.

Reading Tasks

Task 1: [Layer of the ocean](#).

Task 2: [Under the Sea - Inference task](#)

SPaG Tasks

Grammar Task 1: Using an expanded noun phrase

Follow the lesson on this [Powerpoint](#) and then complete the quiz below.

[Expanded noun phrase quiz](#)

SPaG Task 2: Using commas in a sentence

Use the [Powerpoint](#) for your lesson, there are a few links on it which have different activities on for you to complete.

[Commas in a sentence quiz](#)

Spelling Task: [Words ending in -ant, -ance, -ancy, -ent, -ence and -ency](#)

Play some of the activities on the spelling frame website to practice or use your spelling menu and choose your favourite way of practicing. Your list of words: **expectant, hesitant, hesitancy, decency, decent, frequent, frequency, confident, confidence, assistance, assistant.**

Take the test on the spelling frame website at the end of the week and see how you get on.

RE Task

The life in the Risen Jesus

Task 1: With a parent, think of all the different reasons why people pray. Make a list. There are lots of different ways that we can pray. Some examples are: meditation, the Rosary, Examen Prayer (you may have done this with Matthew, the Church Youth Leader) or Lectio Divina. I would like you to research different ways of praying; you could choose one from the list or another way of praying. You might want to try using this method of prayer. Create a leaflet or Powerpoint about a way of praying.

Extension task: Research prayer from a different faith, how does it compare to prayer in Christianity?

Taks 2: Conduct a survey with family members or friends to find out if they think: "Does Prayer help people?" You can choose how to show your results.

Why do you think prayer does or does not help people? Complete your answer on this [quiz](#).

Task 3: There are all sorts of creative props that people can use/make to help them pray. [Here are some examples](#). I would like you to make something to help you or a member of your family to pray. You can recreate one of the ideas on the link above or come with their own idea.

Science Task

Task 1: 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 [video 1](#) and [video 2](#) to find out about bioluminescence and understand how some sea creatures rely on this for their survival.

I would then like you to 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.

A good website to use is [Ocean find your blue](#).

Task 2: Does plastic ever go away in the ocean?

This is an experiment which looks at the decomposition of various items (including plastic) in the ocean. You will need: a plastic bottle, salt, a vegetable (like a piece of carrot), a piece of fruit (like peel or a segment of orange), a piece of paper, a piece of metal (like

the ring of a coke can) and a bit of plastic (could be a crisp packet).

First, put the vegetable, fruit, paper, metal and plastic in the bottle.

Second, fill it with water and add a table spoon of salt.

Next, screw the lid back on and give the bottle a shake. Place the bottle on the windowsill so that it has lots of light.

Finally, complete [this quiz](#) to predict what might happen over the next few weeks.

You will need to observe the bottle every week. When observing the bottle over time, it may be a good idea to note down what each of the items looks like and how much they've broken down.

Topic Tasks

Task 1: Create a bioluminescent sea creature inspired piece of Art/DT.

Based on the resources you have at home you could either [draw](#) or [make a model](#) of a bioluminescent sea creature. Use bright colours to be as realistic as possible. (Look in your recycling bin for modelling materials - ask your parents' permission.) Here are some [other ideas](#).

Task 2: [Scratch computing - Autosub 6000](#).

Have a go at the Autosub game before attempting to make your own. Click 'see inside' to see the different codes for the actions. Have a go at creating your own using the under the sea theme.

Task 3: Music with Mrs Shakespeare

Follow the [YouTube video with Mrs Shakespeare](#) and join in. There is also [Mrs Brooke's video](#) to listen and join in with. (She works with Mrs Shakespeare.) You will need two plastic cups for this video.

Email completed work (unless it's an online quiz!) to:
homelearning@stjosephsotley.org

Useful Links

[Times Table Rockstars](#)

[White Rose Maths](#)

[Scratch Online](#)

[My Maths](#)

[Active Learn](#)

[Oak National Academy](#)

Well done for your hard work at home, keep focused and stay safe.
We miss you! From Miss Dowd and Mrs Kealey.