



KS2 Homework Menu

Subject: Life at Sea



Please choose **one** activity from **each column** to be handed in on a Wednesday.
Some members of the class have asked for additional activities to do so if you would like to do 2 or 3 pieces a week, that would be wonderful!

Homework will be marked and books returned by Friday

If individuals would like to hand their homework in early then this, of course, is encouraged!

Please make sure you do not focus on the Titanic as we will be studying this after Christmas.

English	Maths	Science	Art/DT	Humanities
<p>Write a pirate themed story (you may wish to use Treasure Island as an inspiration)</p> <p>LO: write an adventure story</p> <ul style="list-style-type: none"> o Include rule of three for action o Fronted adverbials o expanded noun phrases o Uplevel your vocabulary o Illustrate your story <p><i>If you would like to write an extended, longer story, you may take 2 weeks on this activity.</i></p>	<p>Research different measurements from a famous Shipwreck. Create at least 5 different word problems about this.</p> <p>LO: Create word problems</p> <ul style="list-style-type: none"> o Try and create multi-step problems o Include questions that require converting between units of measure 	<p>Task: Can you use circuits in your design for the ship so that you are able to show light coming from the windows inside.</p> <p>LO: make an electrical circuit</p> <ul style="list-style-type: none"> o Make a circuit using wires, a cell/battery and a bulb o Find a way to attach your circuit to the ship o Try using a switch to ensure your power source does not run out <p><i>If doing this activity with the art one, you may take two weeks</i></p>	<p>Task: Create a 3D model of a famous shipwreck from around the world. You may show it as a shipwreck or how it looked originally (not the Titanic)</p> <p><i>See science linktoo</i></p> <p>LO: To demonstrate an understanding of the structure of ships.</p> <ul style="list-style-type: none"> o Draw a sketch showing the proportions of your design o On your sketch, label parts of the ship o Challenge - Can you proportionally scale down your version of your ship with the original <p><i>If doing this activity with the science one, you may take two weeks</i></p>	<p>Research a famous shipwreck from somewhere around the world (not the Titanic) and write a report about it.</p> <p>LO: write a non chronological report</p> <ul style="list-style-type: none"> • Explain why the ship sank • Identify on a map the location and direction of its last voyage • Write your report in paragraphs with different subheadings • Try and use fronted adverbials and relative clauses

<p>Write a newspaper report about any of the following: the sinking of a famous ship (not Titanic), the capture of a famous pirate, a pirate attack on ships</p> <p>LO: write a newspaper report</p> <ul style="list-style-type: none"> o Headline o Introduction o Main body of text o Quotes (reported and direct) o Closing paragraph 	<p>Invent your own mathematical game involving coordinates. Ensure your design is linking to our piratical theme.</p> <p>LO: Use coordinates</p> <ul style="list-style-type: none"> o Try using coordinates in four quadrants o Create clear instructions for your game o Explain the mathematical link o You could create your own box for the game too. 	<p>Find out about how solar panels work. Create an explanation/ labelled diagram of how they are used.</p> <p>LO: scientific research</p> <ul style="list-style-type: none"> o Are solar panels (or similar panels to these) used in any objects other than on buildings? o How do solar panels create energy? o How much energy do they generate? 	<p>Task: Create a 3D model of a ship using computer software, a picture of a ship or an animation of a ship</p> <p>LO: use computer aided design</p> <ul style="list-style-type: none"> o You could try using Blender, Scratch, paint or any other systems you are used to 	<p>Research a famous shipwreck from somewhere around the world (not the Titanic) and write a quiz about it (at least 10 questions with answers) Alternatively you can write these questions about a particular fiction book related to this theme.</p> <p>LO: recall of facts</p> <ul style="list-style-type: none"> o Think of at least 10 questions o Include some questions that allow extended answers o Will you share a small amount of information first and then ask the questions? o Will your questions be multiple choice? A combination of different styles? o Try to devise questions that involve estimation too.
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<p>Write a diary entry from a character's perspective. This could include Maynard (the man made famous for supposedly killing Blackbeard, a pirate, somebody affected by piracy, the ship)</p> <p>LO: write from a different perspective</p> <ul style="list-style-type: none"> o Include emotive vocabulary to show your point of view o Describe how you felt through your actions, descriptions and body language o Use a large variety of sentence structure 	<p>Create a set of top trump cards for ships.</p> <p>LO: order and compare numbers</p> <ul style="list-style-type: none"> o Show some answers as a different conversions of measurements o Write other answers as a part of a calculation 	<p>Are some materials more likely to sink or float than others? Devise an experiment that will test this.</p> <p>LO: investigate materials</p> <ul style="list-style-type: none"> o Investigate a selection of materials o Present your investigation with an introduction, prediction and conclusion o Present your findings with the support of a graph, table or chart as well as a labelled diagram 	<p>Many ships have flags sailing from their masts. Try designing and making your own flag out of material.</p> <p>LO: use different stitches to sew</p> <ul style="list-style-type: none"> o Your design should be know larger than 30cm2 o Can you use different sewing stitches to attach different materials together or layer materials? o Write an evaluation as to how well your final creation matched your original design. Did you make any changes? 	<p>What was the effect of pirate's plundering? Research the effect of piracy during their 'Golden Age</p> <p>LO: research</p> <ul style="list-style-type: none"> o Focus on one area in particular o Try and think of the impact from different people's perspectives o Why might people have acted in the way they did?
<p>Task: Write a set of instructions on how to capture Blackbeard</p> <p>LO: write instructions</p> <ul style="list-style-type: none"> o Include an introduction to your instructions o Include an equipment list o Number your points o Extend each instruction by adding additional, specific details o Use fronted adverbials and adverbials of time at the start of your sentences. 	<p>Computing</p> <p>Task: Design a trailer through storyboards for one of the pieces of creative writing you have done. How will you make your trailer seem exciting? How could you use text, music to support this?</p> <p>LO: design a trailer</p> <ul style="list-style-type: none"> o Use a storyboard for each section o Underneath explain what camera angles you would like to use (eg close up etc) o Describe the clothing and setting that would be used. 	<p>Music</p> <p>Task: Create your own song/rop about pirates or shipwrecks. Can you use an app to record this? 'Autorap Smule' is a free app that could be useful for this.</p> <p>LO: write a rap or song</p> <ul style="list-style-type: none"> o Decide whether you want your song/rap to have rhyme in it? Will there be a repeated chorus? o You could try using a familiar tune and changing the words o What Instruments could you use to help 	<p>Task: Design a create a pirate's eyepatch, treasure , artefact or outfit.</p> <p>LO: design</p> <ul style="list-style-type: none"> o Sketch out your design and label it o Annotate what materials you will for each part o What embellishments can you use to add finishing touches to your design? 	<p>Task: Write your own Pirate legend.</p> <p>LO: write a legend</p> <ul style="list-style-type: none"> o Research the definition of legend o Read some existing legends about pirates. How could you adapt these into your own idea? <ul style="list-style-type: none"> o Remember to use a large variety of different sentence types, punctuation and exciting vocabulary o If using speech, ensure it is properly punctuated and adds to the

	<ul style="list-style-type: none"> o Research settings that would be particularly effective and stick these in. <p>You could work with some of your friends to record this too. Imovie is a useful free app for this.</p>	<p>with backing track? Why do you think these will be effective?</p>		<p>progress of the legend</p>
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Homework Awards will be presented to those who hand in their homework on time every week.

If any resources are required for any of these tasks then please come and ask and I will aim to provide!

Thank you to parents/carers for your continued help and support with work sent home. If you have any questions about the homework, please ask.