

Key Stage 2 Home Learning Pick 'n' Mix Activities

Grid 3. Choose to complete as many tasks as you like from the options below. The activities cover a range of subject areas.

<p><u>Get Writing!</u></p> <p>Plastic alternatives (KS2) Lots of manufacturing companies are now working on new plastic-free products and packaging, like metal straws, eco-glitter and reusable water bottles. Choose an item that is made of plastic or has plastic packaging and design a new, recyclable alternative. Perhaps it could be made of cardboard, tin, glass or a completely new material you have invented! Design and draw a picture of your new product, or its sustainable packaging, and write a persuasive advert about it. Persuade your reader that this is now a much greener alternative that will help the environment in lots of different ways.</p> 	<p><u>Get Writing!</u></p> <p>Do your bit (KS2) Read this interesting news report about plastic https://www.bbc.co.uk/newsround/42810179 Try and learn as many facts as you can from the website and design a quiz or a presentation for a family member to teach them what you've found out. Decide what actions you can do as a family to cut down on plastic use. Make a 'shrink the plastic' pledge poster and display it somewhere where you can be reminded of it, with some simple suggestions and actions. Your pledge can include the facts you have learnt to remind everyone why it is so important.</p> 	<p><u>Extending our Maths</u></p> <p><u>Plotting data</u> Look at the separate worksheet "Modelling Sea Ice" to find out what is happening to Arctic sea ice. Can you plot the data on a graph and use the information to make your own predictions?</p> <p><u>Presenting data</u> "Sea Ice Percentages" looks at how information is presented in the media. Can we use maths to make people understand better what is happening? You need to have a good understanding of percentages for this sheet, so it is most suitable for UKS2.</p>
<p><u>Music</u> https://www.itv.com/news/2019-11-21/could-an-eight-year-old-s-climate-change-song-make-it-to-christmas-number-one/ This tells the story of an 8 year old boy who is very worried about the world about him. Listen to the song he wrote to try to explain his feelings. How does it make you feel? What works particularly well about the song? Can you write your own version which focuses on the ocean?</p> <p>Recycle some plastic into a musical instrument by making a shaker. How many different ways can you find to play your instrument? Can you use it to play along with your favourite piece of music? Why not use it for some of the finding the pulse activities on yumu?</p> <p><u>French</u> Learn about different sea creatures with Alexa https://www.youtube.com/watch?v=pHBxt2XajyU</p> 	<p><u>Science</u> Research the life cycle of sea turtles. Illustrate what you have found out but also add in potential dangers they may encounter from plastic pollution at different stages in their lives. FIVE WAYS PLASTIC AFFECTS SEA TURTLES Sea turtles can confuse plastic bags for jellyfish. A turtle in the water can't tell the difference and will often eat the bag, which gets stuck in their stomach.</p> <ul style="list-style-type: none"> • Trash on nesting beaches. Adult sea turtles in many places need to crawl through collected debris to find a place to nest and hatchlings can get caught in the debris trying to make their way to the ocean. Tiny bits of plastic in the sand can also affect nests and hatchlings. • They can get stuck in it while swimming. Many turtles make long migrations and pass through areas with a lot of ocean plastic. They can get caught in things like six pack rings or discarded fishing gear. • Mylar balloons filled with helium can also look like jellyfish. These balloons can travel hundreds of miles in the air and land in rivers or the ocean. • They can consume microplastic from their food. Tiny bits of plastic consumed by fish or other animals can then be eaten by those who eat them, like turtles (and humans.) 	<p><u>Get Reading!</u> Read whenever and wherever you can! Books could be linked to our theme of 'Pollution' or anything else you like. Why not send us your photos of all of the strange and wonderful places you find to read!</p> <p><u>Keep it crafty.</u></p> <p>Magnificent creations from plastic.</p>  <p>Are you ready for a great up-cycle craft for all of those empty water bottles you might have laying around? This water bottle fish craft is both easy and fun. For step by step instructions visit:</p> <p>https://meaningfulmama.com/water-bottle-fish-craft.html The sea life designs are endless.</p> 

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<p>Maths</p> <p><u>Visualising large numbers</u> We use over 1 million plastic bags per minute</p> <p>1 million is a huge number - how can we visualise it? 1,000,000 grams - how many kgs is this? Find something which weighs a kg. Could you carry a million grams? 1,000,000 pence - how much is this in pounds? What could you buy with it? Could you buy a house? A car? 1,000,000 cms - how many kms is this? How long would it take to run or cycle? Convert it to miles - where could you go? 1,000,000 seconds - what is the best unit to use to explain this - minutes? hours? days? weeks? months? years?</p> <p>JK Rowling's 'Harry Potter and the Goblet of Fire' (2000, sales exceed 6.6 million and the book has 636 pages) has around 258, 600 words. How many readings of this to make a million words?</p> <p>Man Utd attendance is around 75,000. How many games to make a million? How else can you describe a million?</p> 	<p>Topic Plastic is destroying lots of the world's most precious resources, the oceans and its wildlife. This is because we tend to just throw it away, single use of plastics is one of the biggest threats to our climate and seas.</p> <p>- Can you create a diary about the plastic you use over a week, then look at how you can reduce your use.</p> <p>- Can you create a slogan to try and stop single use at home, or at school?</p> <p>- Can you create a graph to show this use of plastic, which is the most common single use plastic? Which is the least and why? - Research about plastic waste, https://www.wwf.org.uk/get-involved/schools/oceans-and-plastics has lots of facts and resources. Can you create a poster of facts and figures?</p> <p>- Write a persuasive argument about reusable plastics and why it is essential that we don't have single use. Use facts and figures to help support your view points</p> <p>Design a poster to highlight the plight of sea creatures and plastic in the oceans, use facts to support your poster Using some of the single use plastic in your home, can you make a sea creature that are affected by ocean plastic pollution. Useful websites for research:</p> <p>https://www.wwf.org.uk/get-involved/schools/oceans-and-plastics https://www.kidsagainstplastic.co.uk/ https://plprimarystars.com/resources/tackling-plastic-pollution https://plasticoceans.uk/</p>	<p>PSHE</p> <p>Storm Whale https://www.youtube.com/watch?v=zT9LnMQiplc</p> <p>Who looks after you and who do you look after? How can we make a difference to our world and the people around us? Help with recycling, share a kind message, research and show support to a charity that you are interested in, make space in your garden for wildlife, write a letter to someone you miss and let them know how you are doing/feeling</p> <p>Extra science KS2 Science What if there was no plastic? Discuss what might be a Plus, Minus and Interesting way to think about the question. Think about:</p> <ul style="list-style-type: none"> • How many things do you use every day that are made out of plastic? • Why are so many things made out of plastic? • What materials could be used instead of plastic? • Why are some people trying to use fewer things made out of plastic? • Plastic lasts a long time: why is this good and why is it bad? <p>KS2 and KS1 Science If you can, watch 'Somebody Swallowed Stanley' By Sarah Roberts https://www.youtube.com/watch?v=uf4b4no8ric Sarah Roberts is a Naturalist and has her own website https://www.sarahrobertsofficial.com/ Take a look at her work. Are there any questions you would like to ask Sarah? Contact her (with your parents' permission) via her website or her social media. Fingers crossed she might reply! Choose one of the animals in the story. Find out more about them. Find out about what they really should be eating. Can you draw a food chain or web of which animals eat which in the ocean?</p>
<p>RE Leviticus 11:10 "These you may eat, whatever is in the water: all that have fins and scales, those in the water, in the seas or in the rivers, you may eat." Create a factfile on how to look after the seas and oceans, you could include recycling, eating sustainable fish. Include a section on how God would feel if He came to Earth now and saw the destruction of His seas and oceans</p>	<p>#MyDearNewFriend This fabulous new project supported by The National Literacy Trust encourages children to write letters to people living in care homes. Click on the link above to find out how you can take part.</p> 	<p>Something extra- Mindfulness</p> <p>Try some of the Peace Out guided relaxation videos from Cosmic Kids.</p> 