



Big Question: What can we do to help the environment?

Please use these links to inspire your learning this week: https://www.youtube.com/playlist?list=PLPRpl5FW8wTvO-oU1W1vihVCWo_7iCRzr

How to Save Our Planet	Efficient Food Production – Zero Waste Food Shops	Fat Questions	Non-Fiction Task	Sustainable Spelling
<p>Watch the following video clip. You may want to make some notes as you watch it.</p> <p>https://www.youtube.com/watch?v=OPuvOPss33M -</p> <p>What are the 4 key things that David Attenborough recommends we do to have a positive impact on our environment?</p> <p>Summarise these four key messages in your own words. You might want to add in your own ideas (or ideas from your family), about how to save our planet. Or perhaps when you are finished, you could think about any changes that you or your family could make that might help to restore the health of our planet.</p>	<p>Watch the Youtube video about Zero Waste Food Shops.</p> <p>https://www.youtube.com/watch?v=mHsLCb7gSI</p> <p>Do you believe that Zero Waste Food stores are the future? Make a list of positives and negatives about this way of shopping.</p> <p>Write a paragraph to summarise the positives, one paragraph on the negatives then a final paragraph on what you believe and why?</p> <p>Remember to think about your core targets for writing!</p>	<p>Think about the main events, characters and ideas in your book. Use the sentence starters below to <i>ask and answer</i> 5-10 questions about your book.</p> <p>Remember to answer your questions in full sentences, using the words from the question to structure your answer. Include quotation marks and page numbers in your answers.</p> <ol style="list-style-type: none"> 1. Why . . . ? 2. In your opinion . . . 3. How . . . ? 4. Explain . . . 5. In what way . . . ? 6. How . . . ? 	<p>Looking after our Environment includes protecting our planet for animals and prevent extinction of species.</p> <p>Do you have a favourite animal? Can you find out about that animal from a book or the internet?</p> <p>Use these key questions to help:</p> <p>Is your animal endangered?</p> <p>What habitat does it need to survive?</p> <p>What food does it need to survive?</p> <p>Does your animal migrate-why/why not?</p> 	<p>Pick a spelling task to do using these words linked this week's Big Question;</p> <p><i>Environmental</i> <i>Sustainable</i> <i>Renewable</i> <i>Emissions</i> <i>Conservation</i> <i>Efficiency</i> <i>Successful</i> <i>Recyclable</i> <i>Biodegradable</i> <i>Reusable</i> <i>Endangered</i></p> <p><i>Can you find any other words to add to the list?</i></p> 

2-Digit Multiplication

Use the White Rose Maths resource in this link to work on multiplying 2-digit numbers. Click on the link and on to Lesson 1. (*This can be printed off at home if you find it easier*)

This is exactly like the grid method that we worked on in class.

<https://whiterosemaths.com/homelearning/year-5/>

You can check your answers with a calculator or on the website *once you have finished*.

Feel free to try other activities on this link.

Pizza Budgeting

Using the information at the bottom of this sheet to plan and budget a pizza night for you and 3 others.

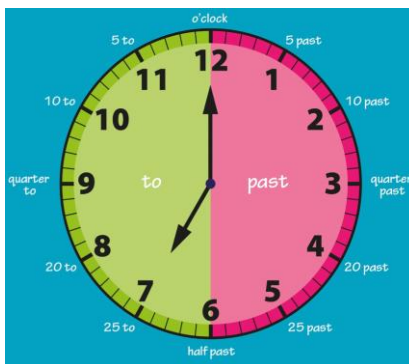
First, decide what each pizza will need and then total up how much each pizza will cost before adding all the costs together. Have you managed to keep within your £40 total budget?

Time Check

Ask another member of your house to ask you the time at various points of the day. Can you use both an analogue and digital clock to tell the exact time using the correct language?

Remember: when the minutes hand gets past the 6, we say how many minutes to the next hour.

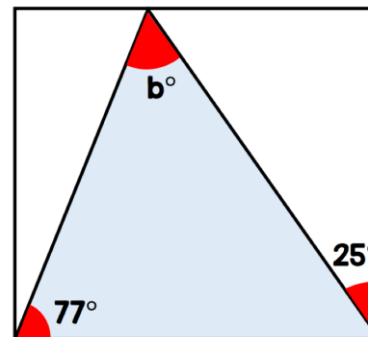
Challenge: can you say each time in two different ways? How about in 24hr?



Angle

Look at the problem below. Can you find the size of angle b ?

Remember: all the angles in a triangle add up to 180 degrees.



If you're looking for more maths, have a look at the BBC Bitesize Daily lessons with this link:

<https://www.bbc.co.uk/bitesize/tags/zhqppq8/year-5-and-p6-lessons/1>

Be a Pro at Prodigy!

Continue to use your Prodigy account regularly to practise a wide range of numeracy and maths skills. Are you still reaching your target of 100 questions each week?

<https://www.prodigygame.com/>



At the beginning of each week we will post our class top 5 to our Facebook page.

Deck of Cards

All you need for this activity is a deck of cards, if you don't have one, here is your [random deck of cards!](#) (Click shuffle after each card)

1. The object of the game is to do as many repetitions as you can of each exercise.

2. When you draw a card, you'll do an exercise (see below an example of the exercises you could do). Complete the number of repetitions shown on your card. For example, if you draw the 4 of hearts, perform 4 jumping jacks.

3. Face cards (e.g. a king) are worth 10 repetitions (you do it 10 times). Aces are worth 11 repetitions.

o Hearts = Jumping Jacks

o Clubs = Push-Ups

o Diamonds = Invisible Jump Rope Jumps

o Spades = sit ups/ crunchies

Make sure you pace your activity safely. Don't give up form/ technique for the sake of speed. Be sure you have enough activity space for safe movement.

Can you get through a whole deck of cards? Which exercises were the hardest for you and why?

At Home Orienteering

Use the following website to access four easy to follow videos which explain how to create and use an orienteering map in your house or garden. You may even decide to draw a map of an area you walk round on your daily walk and create an orienteering course there. Use large pebbles or stones as markers and let other people know about course. Can they follow the controls and complete the course?

The website has videos and worksheets which explain everything you need to know. You can have fun creating the course and watching other people having a go.

<https://www.scottish-orienteering.org/lets-get-started-orienteering/>

Lego Challenge

We're still being asked to [Stay at Home, Protect the NHS, Save Lives](#)



Can you make a model of your bedroom?



Keeping in Touch

Please keep in touch with your family and friends, keeping connected is important to help us stay well and look after our emotional well-being.

Can you text, e mail, call or write a letter to someone this week?



Encouraging Nature

We're all staying safe at home. Because there are fewer cars on the roads, nature is starting to creep into places we wouldn't usually see it. Have a look around as you go on your walk or out your window and make a list of any birds and animals that you see.

Perhaps if you are heading on a walk with an adult, take along some gloves and a bag and do a little litter pick on your way. Remember not to touch anything that might be sharp.

<p>Renewable Energy - Solar Cooker</p> <p>https://www.youtube.com/watch?v=YI7BqRhLpWE</p> <p>Why not have a go at creating your own Solar Oven - Watch the video (link above) or see the attached link for instructions. You can make the American treat, Smores, or you could try to melt cheese on nachos!</p> <p>*Do not try to cook raw food in your cooker, it is only for melting!*</p> <p>Wind Power Challenge</p> <p>Using some items from around the home, can you design a simple wind turbine capable of lifting a cup off the floor to bench height? If you don't have some of the materials, how could you adapt it?</p> <p>https://www.teachingideas.co.uk/sites/default/files/windpowerchallengeforteachersinstructions.pdf</p>	<p>Efficient Food Production - Food Miles</p> <p>Today our food is travelling increasing distances 'from the plough to the plate.' We refer to these distances as "food miles."</p> <p>There is an increasing environmental cost associated with food miles. Flying products by air uses nearly 40 times the amount of fuel as sea transport.</p> <p>Can you use the food miles calculator to find out how many miles your food has travelled?</p> <p>You can either think about the ingredients in a meal you are eating or pick a selection of items from your cupboard.</p> <p>http://www.foodmiles.com/</p> <p>Can you find items which are produced in Scotland or the UK? Can you create a snack or meal from these items?</p>	<p>Manage Our Oceans</p> <p>Sadly, our oceans are polluted by plastics. Most people want to recycle but often find the process confusing. Watch this video to see how PET plastics are recycled and what products can be made from recyclable materials. Can you inspect plastics in your home and identify which are PET plastics – they will display this symbol.</p> <div data-bbox="1025 614 1137 715" data-label="Image"> </div> <p>How recycling works: https://www.youtube.com/watch?v=zO3jFKiqmHo</p> <p>Can you make a list of plastic items that are commonly used in the UK and suggest some alternatives e.g. Plastic straw – drink from cup, use paper straw.</p>	<p>Earth Day Art</p> <p>Using the Art for Kids Hub Youtube Channel, pick one of the Earth Day videos to draw along with.</p> <p>https://www.youtube.com/playlist?list=PLnoO3k54vcBTczaL9_LHEUp7d96zCeVLQ</p> <p>They have a wide variety of videos that are easy to follow and give great results! Can you draw along accurately, using detail and precision?</p>	<p>Whole School Upcycle Challenge</p> <p>Can you create a piece of art or a practical object that was once something else? You could make jewellery, a musical instrument, gardening tools, Rubbish Creatures, a desk tidy...let your imagination and creativity run wild! Use milk jugs, cardboard boxes, old clothes, egg cartons, carrier bags or anything else you know is no longer needed.</p> <p>The following video demonstrates some ways that used plastic milk bottles can be 'upcycled': https://www.youtube.com/watch?v=JLPMV3-lj_o</p> <p>Please post us a before and after picture on our Facebook page so we can see your wonderful recycled creations.</p>
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ADDITIONAL RESOURCES

What can we do to help the environment?

<https://climatekids.nasa.gov/smores/> - Solar Cooker instructions

<https://www.youtube.com/watch?v=6xINyWPpB8> – The Life Story of a Plastic Bottle

<https://www.bbc.co.uk/bitesize/topics/zdwmsbk/resources/1> - Renewable Energy Sources

https://www.youtube.com/watch?time_continue=147&v=dAwrTIEhV-0&feature=emb_logo - Not all plastics are the same

You tube videos on seed dispersal:

<https://www.youtube.com/watch?v=2rX--Y5gCnE>

<https://www.youtube.com/watch?v=24kAPSpdXaI>

<https://www.youtube.com/watch?v=8ZLv3xAjH3Q>

<https://www.youtube.com/watch?v=N3tbZguBzG8> – Making Seed Bombs

<https://gardentherapy.ca/bee-bath/> - Make a Bee Bath

<https://www.ecosia.org/> Use the ECOSIA search engine for all your internet use and see how many trees get planted as a result. Search engines make a profit and this one uses that profit to plant trees.

Aim: I can create a simple budget.

Friday night is home-made pizza night!
You need to create a budget to purchase the ingredients to make the pizzas.

There will be 4 people eating the pizza (2 adults and 2 children).
Each person has their own individual pizza.

You have £40 to spend. You do not have to spend all of the budget, as long as you meet the pizza night requirements.

Item	Amount in Pack	Price
pizza base	2	£4.00
mozzarella cheese	500g	£4.65
pineapple pieces	225g tin	£2.40
mushrooms (sliced)	200g	£2.50
pizza base sauce	400g	£3.50
olives	235g jar	£3.30
onion (brown)	1	£0.45
ham	300g	£4.10
chicken (cooked and shredded)	250g	£7.50
salami	80g	£3.00
garlic bread	2	£4.00

