

### Year 2 Week beginning: 13th July 2020

Please find below a list of activities to complete during the week. It is not essential that all are done and do not feel limited by this if you have your own ideas too. At school, we do Maths and English every day and would like you to do so on weekdays. The tasks will be different each week. Science, PE and RE are done every week at school. All other subjects are done on rotation so you have two weeks for these ones before new ones are set.

If you would like more ideas for online learning and additional activities, please see the list of websites that has been sent out. There are also activities suitable for Year 2 at BBC Bitesize at <https://www.bbc.co.uk/bitesize/tags/z7s22sg/year-2-and-p3-lessons/1> and the National Academy at <https://www.thenational.academy/online-classroom/year-2#subjects>.

#### English – Topic- Writing Questions

As it's the last week before the summer holidays I thought it would be nice to have a bit of fun this week and create a quiz for you and your family/friends. You need to think of 4 themes/categories for each round and then think of 4 questions in each round based on the theme e.g. you could do a round on sports and have 4 sports questions or a round on nature and have 4 nature questions. You could use the internet to research your questions and the answers (although remember to ask an adult for help when using the internet and keep safe online). Once you have written all of the questions and answers you can then be the quiz master and ask the questions to your family/friends and see how much they know! Happy quizzing!!

**Reading Challenge-** What's your favourite book? Can you send a photo of the book, along with why you like it to [Reading@oughton.herts.sch.uk](mailto:Reading@oughton.herts.sch.uk). Your book recommendations will then be displayed in our library in September to help others decide on a good book to read.

**Ongoing:** Keep reading! When you read aloud try and put on different voices as if you are the characters in the story. When you have read a book give it a mark out of 10 to show how much you have enjoyed it. Make sure you discuss the text and are able to answer questions about it. Have a look at the Collins website. <https://connect.collins.co.uk/school/Portal.aspx>. Click on teacher's login. Username parents@harpercollins.co.uk Password Parents20! You can then go onto Collins Big Cat and select a book to read from the bookband that you are on. For other books to read, have a look at this website <https://www.booktrust.org.uk/books-and-reading/bookfinder/>. There are lots of books to choose from. If you have a younger sister or brother or even a pet you could read them a story (I like reading to my dog!). How about reading a story to someone who doesn't live with you either on the phone or on FaceTime or a video call? You could also practise your phonics using games and activities on Phonics Play (website with free games) or Teach Your Monster To Read (free website or app) or Phonics Bloom (websites with free games). Teach Your Monster To Read is also good (free website or app). There is a sheet with Year 2 spelling attached. See how many you can spell. Practise those that you find tricky. Try using the words in sentences – see what silly ones you can write!

Maths - Topic: Addition/ subtraction/ multiplication / division

## Summer Holiday Code Breaker

Solve the calculations and use the code breaker to spell out the summer-themed words.

a	b	c	d	e	f	g	h	i	j	k	l	m
6	15	21	5	13	24	18	7	12	1	25	19	9

n	o	p	q	r	s	t	u	v	w	x	y	z
22	16	11	26	2	17	20	3	10	8	14	23	4

	Answer	Letter
$3 \times 5$		
$30 \div 10$		
$30 - 9$		
$5 \times 5$		
$5 + 8$		
$10 \times 2$		

	Answer	Letter
$20 - 13$		
$12 \div 2$		
$9 + 11$		

	Answer	Letter
$30 - 10$		
$2 \times 8$		
$5 + 3$		
$20 - 7$		
$15 + 4$		

	Answer	Letter
$20 - 3$		
$2 + 1$		
$11 \times 2$		
$15 + 6$		
$20 - 18$		
$7 + 6$		
$4 + 2$		
$20 - 11$		

I have attached some more summer maths challenges if you want to do some more maths.

### Ongoing:

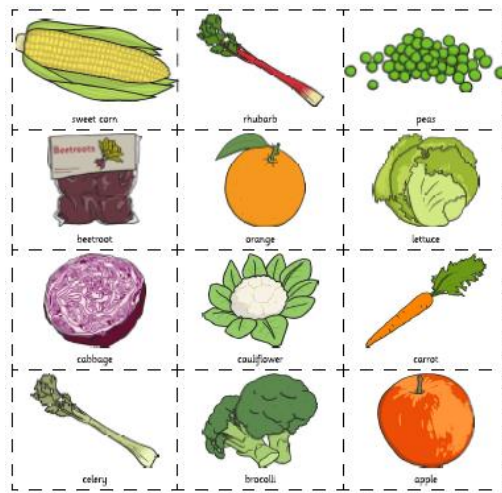
- Keep practising your 2, 5 and 10 times tables (challenge- 3/4s and beyond!) - test yourself on the Time Tables Rock Stars website. See if you can beat your scores!
- Practise adding and subtracting 2 digit numbers and 1 digit numbers such as  $45 + 4$ ,  $32 - 6$

- Double/half numbers to 20 (Challenge- beyond 20)
- 10/20 more / 10/20 less to 100
- Number bonds to 20/100 e.g. 19+1 or 90+10

There are additional maths activities at <https://whiterosemaths.com/homelearning/year-2/>

### Science - Topic: Plants

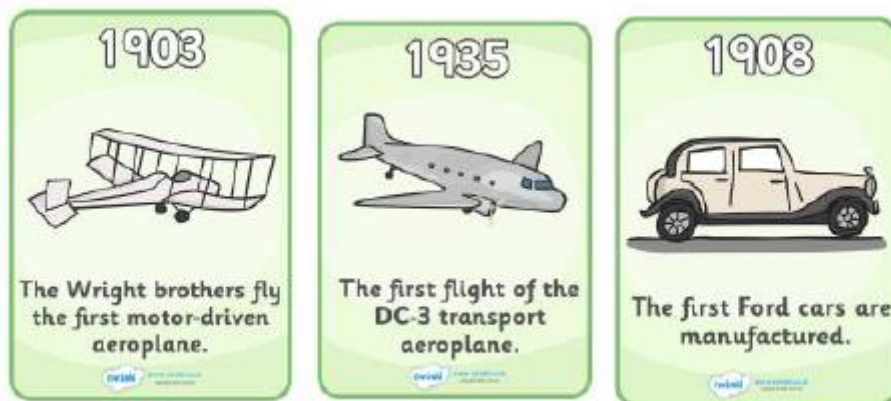
As we found out a few weeks ago, some plants produce food that we eat. Sometimes it's the leaves we eat, sometimes it's the fruit and sometimes it's the roots we eat. Have a look at the pictures below and see if you can sort them into the right sections on the table.



Roots	Stems	Leaves
Flowers	Fruits	Seeds

### History - Topic: Changes Over Time: Transport

Over the last few weeks you've thought about how cars, planes and ships have changed over the years. This week I would like you to put the following inventions on a timeline from the oldest invention to the most recent.



Last week in PSHE you created a timeline of your life. Could you go back and add in some key dates in your life onto that timeline e.g. Date of birth, a special event maybe someone's wedding, or even a holiday.

### Geography – Topic: Where Our Food Comes From

This week I would like you to find out what's the most popular fruit in your family? Think of a list of 5 fruits and then using a tally chart record all your family members' favourite (they can only choose 1!), you could ask your extended family too in order to gather more information. Once you have gathered all the data, write down which fruit was the most common. In a survey completed in Britain, the 10 most favourite fruits in order of preference were: 1: Banana, 2: Tomato, 3: Apple, 4: Grape, 5: Orange, 6: Pineapple, 7: Peach, 8: Plum, 9: Mango and 10: Pear. How does that compare with your family survey? Think about the most common favourite fruit. Where do you think it comes from? Only five of the country's favourite fruits are grown in Britain. Which five fruit do you think can grow in Britain? Why do you think bananas, oranges, pineapples, peaches and mangos not grown on farms in Britain?

### RE- Topic: Ultimate Questions

This week in RE I would like you to think about the following question:

#### Where is God?

Draw a picture of where you think God is.

### PE - Topics: PE Top Trumps

For a PE challenge this week I thought it would be fun to play PE Top Trumps. I'm sure you are familiar with Top Trumps. I would like you to select 3 challenges (as attributes for the top trumps) in which you have 30 seconds to achieve your highest score in that challenge. Once you have gathered your results I would like you to then create your own Top Trumps card with your achievements. Here are a few ideas of the challenges you could do: Star jumps, Push ups, Sit ups,

Burpees, Leg raises, Lunges, Shuttle Runs. Here is an example of a blank Top Trump card that you can create:

The image shows a blank Top Trump card template. It has a blue border and rounded corners. At the top, there are two small boxes labeled 'Name:' and 'Age:'. Below these is a large white rectangular area for drawing. At the bottom, there are three rows of two smaller white rectangular boxes each, separated by blue horizontal lines, intended for writing challenges.

Put your name, age and then draw a picture of yourself and then put your 3 challenges and what you achieved. Complete as many Top Trumps as you like, it would be amazing to see the whole family involved. You can have one per person in your house. The more you have you might actually be able to play a game of Top Trumps with your cards.

Remember to try keeping active every day using ideas from BBC supermovers, going for a walk or skipping.

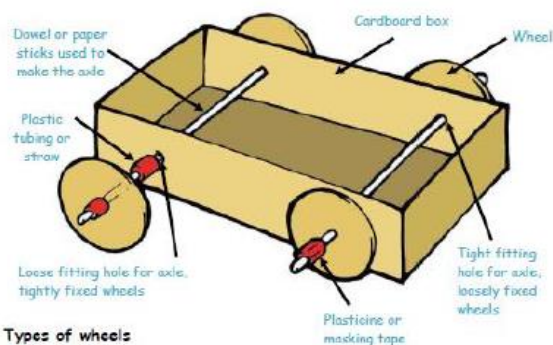
### **Art - Topic: Flip book- Moving Picture**

This week I thought it would be nice to create your own moving picture and make a flip book. Using just two basic materials, a pack of memo notes (or a handful of paper cut into squares and stapled together) and a pen, you can create an apparently moving image through a very basic but easily accessible animation technique. All you need to do is draw a repeated image with slight alterations on each page and then when you flick through the pages the image will appear to move. To start with I would keep it very simple, a dot, shape or basic balloon image could be made to move or float. Watch this video for hints- <https://www.bbc.co.uk/bitesize/clips/zy4fwxs>. I hope you have fun!

### **DT - Topic: Cars**

Last week you designed your moving vehicle. This week I would like you to have a go at making it. You could use cardboard boxes and any other packaging you no longer need. Here are some examples of how you can add moving wheels:

### Example of two different ways to fix wheels



### Types of wheels

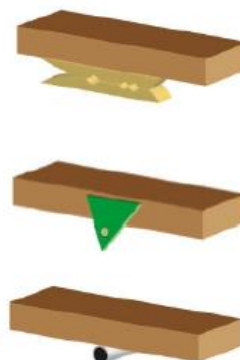


### Ways to hold free moving axes

Use pairs of clothes pegs glued with PVA to the underside of a box. Check the peg holes are large enough to allow axles to move freely. Make sure they are aligned carefully so the vehicle moves in a straight line when the wheel and axle mechanism is added.

Use card triangles with holes for the axle. Check the holes are large enough to allow the axle to move freely. Make sure opposite triangles are aligned carefully so the vehicle moves in a straight line when the wheel and axle mechanism is added.

Use large paper/plastic straws fixed with masking tape to the underside of a box. Check straws are positioned carefully so the vehicle will move in a straight line when the wheel and axle mechanisms are added. Make sure the straw hole is large enough to allow the axle to move freely. The wheels must be fixed tightly to the axles.



I would love to see a picture of the final product!

### Music - Topic: Body Percussion

All sorts of noises can be made from your own body. Watch as the Thunder Jam group begin to make music with the help from British RnB singer Omar.

<https://www.bbc.co.uk/bitesize/articles/zjcwqp3> Ben, Lottie, Mia and the twins create their own melodies and rhythms from just the noises they can make with their bodies. Omar shows the children how to make music just using his body. Why don't you try making some of the noises they make in the video?

- flap your arms like a penguin
- stomp your feet like a dinosaur
- click your tongue to sound like a unicorn
- rub your hands together
- pat your cheeks

### PSHE – Topic: Changing Me

This week I want you to think about your grandparents. What are they like now? Can you describe them? Have they got a picture of themselves when they were younger? Can you describe how they have changed in terms of physical changes and appearance? Maybe you could talk to your grandparents and ask them to share their experiences of being young and how they have changed as they have become older. These changes are a natural process as we get older and we have no control over it. We will all become old and all grow from a baby, to a toddler, to a child, to a teenager, to an adult to an old person. Finally can you draw a picture of your grandparents.



Computing – Topic: Mini Missions- To develop computing skills

## Breaking down into parts

<h3>Break it Down</h3>  <p><b>Activity</b> Ask your child to choose an item they can see. Ask them to sketch it and break it down by labelling as many different parts as possible. This can be run as a competition – who can break it down the most?</p> <p><b>Learning</b> In computing decomposition allows us to break complex tasks into more manageable tasks. Here your child practises decomposing objects around them.</p>	<h3>Design your ideal back garden</h3>  <p><b>Activity</b> Ask your child to look at their own garden or think of a local green space and break it down into different parts. Grass, patio, decking, pond, vegetable patch. Get them to design their own perfect garden by sketching ideas for each part.</p> <p><b>Learning</b> Here your child has made the task of designing a garden easier by breaking it down and looking at each section separately.</p>	<h3>Comic Flick Book</h3>  <p><b>Activity</b> With your child, cut, fold and staple paper into a little flick book. Ask them what they want to happen in their animation and together break this down into steps for the drawings on each page.</p> <p><b>Learning</b> Here your child has decomposed the animation into a sequence of individual images. What other animations can your child create?</p>	<h3>Design an App</h3>  <p><b>Activity</b> Ask your child to think up a new app. This could be a game, fitness or travel app for example. Ask them to create a design for the app by breaking it down and sketching out the different screens the user will see.</p> <p><b>Learning</b> Decomposing the app down into the different screens allows your child to create a design to illustrate how their app would work.</p>	<h3>Dodgy Dance Moves</h3>  <p><b>Activity</b> With your child select a favourite party song which you can learn the dance to, such as the YMCA or Macarena. To learn the moves, break the song down into different sections, then look at the actions for each section.</p> <p><b>Learning</b> Decomposing the dance sequence down into verse, chorus and then smaller chunks makes the task of learning the moves easier.</p>
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Finally for a bit of fun in the holidays I have attached the National Trust 50 Things To Do Before your 11  $\frac{3}{4}$  . See how many you can do!