

# Home survival weekly plans

## Year 2

Ideas for activities at home - week commencing 8th June 2020.  
Please check Class Dojo for all linked resources.

	Monday	Tuesday	Wednesday	Thursday	Friday
Reading	<p><a href="http://www.oxfordowl.co.uk">www.oxfordowl.co.uk</a> Choose 'Owl for Home' and 'browse ebooks'. It is free to register at the moment and you will need to set up a username and password to access books. You can then choose from a large number of books from your child's book band colour. On the back page of each book are some questions to discuss with your child about what they have read.</p> <p><a href="https://www.booksfortopics.com/storytime-online">https://www.booksfortopics.com/storytime-online</a> This link will take you to 'Books for Topics' online stories page - you can choose your age range and then click on the link to take you to the author reading their books.</p> <p><a href="http://www.roythezebra.com/guided-reading-story">www.roythezebra.com/guided-reading-story</a> A simple story set out in 9 chapters with discussion prompts for before and after reading. A great activity that you can do over 9 days.</p>				
Literacy	<p><b>LO: To identify the features of a newspaper.</b> Discuss features of a newspaper report. Look at examples and identify what is included in a news report.</p> <p><u>Activity</u> Use the resource provided on class dojo or look at a real newspaper. Identify the different features.</p>	<p><b>LO: Generate the content for a newspaper article.</b> Begin to plan a newspaper article about an African animal. Use the ppt on class dojo to guide you.</p> <p><u>Activity</u> Choose from one of the headlines and matching pictures - think about what might have happened. Make notes about the events and plan a quote from an eyewitness. or Make your own headline up and plan a report.</p>	<p><b>LO: Write a newspaper article.</b> Show the children the newspaper pages on the ppt and recap the features of a newspaper. Explain that you will write the newspaper article based on the work you did in the previous lesson.</p> <p><u>Activity</u> Write your newspaper article based on the plan you have made.</p>		
Handwriting	<p>Revise the whole cursive alphabet and create rainbow letters. Watch this video to help you: <a href="https://www.youtube.com/watch?v=2NQ6uS8blwY">https://www.youtube.com/watch?v=2NQ6uS8blwY</a></p>		<p>Revise some curly letters: c, o. Watch this video to help you: <a href="https://www.youtube.com/watch?v=z0sOdcL0rtY">https://www.youtube.com/watch?v=z0sOdcL0rtY</a> Then apply to these words: <b>code, cod, coding.</b></p>		
Maths	<p>There is a linked Statistics week 2 lesson starter and task introduction slideshow on Class Dojo and also other linked resources to use and the tasks below are also on the portfolio.</p>				
	<p><b>LO: Interpret and draw Pictograms with a scale of 2, 5 and 10</b></p>		<p><b>LO: Create and interpret block diagrams with a scale of 1, 2, 5 and 10</b></p>		

To recap pictograms play:  
<https://www.topmarks.co.uk/Flash.aspx?f=pictograms>

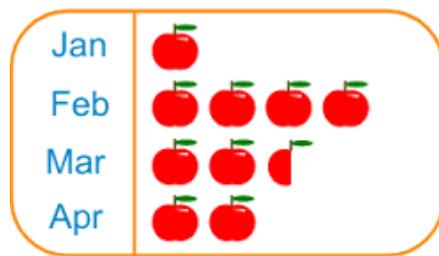
Revise counting in 2s, 5s and 10s as you will need to do this to create and interpret harder pictograms.

A symbol in a pictogram does not always represent 1. It can represent other numbers too. In year 2, we can use a symbol to represent 2, 5 and 10. This helps us to represent larger numbers on a pictogram. Answer questions such as: *If a symbol represents 2, how can you show 1 on a pictogram?*

*How can you show 5? How can you show any odd number?*

Look at this example of a scaled pictogram:

### Apples Sold



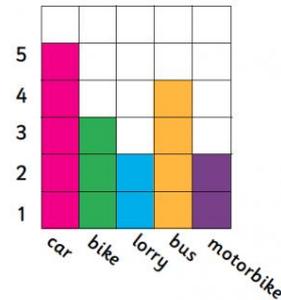
 = 10 Apples     = 5 Apples

Answer these questions: How is 5 shown? What is the most popular and least popular day to sell apples? How many apples were sold altogether?

Choose a toy collection to create a scaled pictogram of. For example, the colour of your Lego bricks, different toy animals, different dolls or it could even be types of toys in your bedroom or toybox. First create a tally chart to enable you to quickly count and record the number of each type of toy. Then decide what symbol to use and what scale: 2, 5 or 10. Then create your pictogram, remembering to add labels and a key. Then answer these questions about your pictogram: What is the most popular and least

You need squared paper to make accurate block graphs. If you do not have any, draw vertical lines on lined paper to create some. A block diagram is where you have numbers on the vertical axis and categories along the horizontal axis and then you colour the squares in each column (each category) a different colour to clearly show how many you have of each thing. See the example below that has a scale of 1:

What vehicles are in the car park?



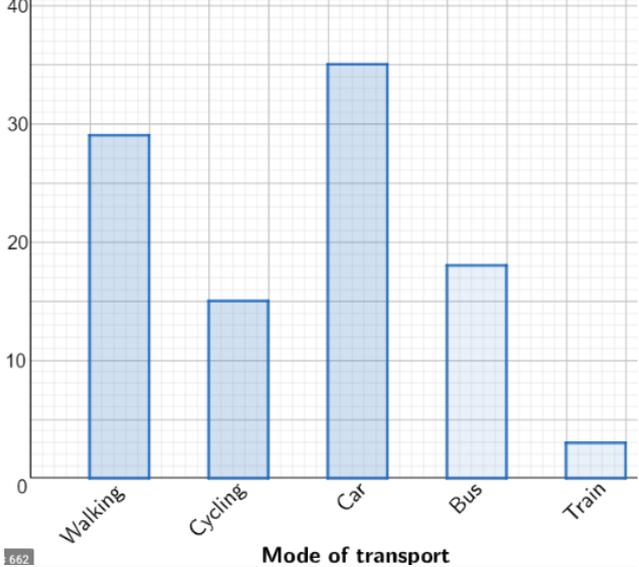
Answer these questions? How many cars are there? How many lorries and motorbikes? How many more cars than bikes are there? How many vehicles altogether?

Now look at your pencil pot or pencil case and create a block diagram with a scale of 1 to show how many of each thing (e.g. pencils, rubbers, pens) you have in it. Answer these questions: *What would the title be? What would the axes be?*

*What is the most popular / least popular? Can you create your own questions to ask about the block diagram? How many \_\_\_ in total? How many more \_\_\_ than \_\_\_?*

We can also have axis with different scales to represent larger sets of data. Look at this example and ask and answer questions about it:

How did you travel to school?

	<p>popular toy/ type of.../colour? How many toys altogether? What is the difference between the most and least popular toy?</p> <p>Extension: Create another pictogram with a different scale on a topic of your choice.</p>	 <p>Then create a tally chart to record the types of books that you have in your book collection. Then create a block diagram to represent your data. You will need to choose whether to use a scale of 2, 5 or 10 on the vertical axis</p>
<p><b>Times Tables</b></p>	<p>Revise the addition and subtraction facts (number bonds) for each number up to 20.          Extension: Revise number bonds for 100 (apply number bonds to ten knowledge)</p> <p>Continue to practice and revise your times tables by playing TTRS: <a href="https://ttrockstars.com/">https://ttrockstars.com/</a></p>	<p>Complete the addition and subtraction mental maths quiz on Class Dojo or make up your own quiz.</p>
<p><b>P.E.</b></p>	<p>Choose an activity:</p> <ol style="list-style-type: none"> <li>1. Choose a yoga activity at: <a href="https://www.youtube.com/user/CosmicKidsYoga">https://www.youtube.com/user/CosmicKidsYoga</a></li> <li>2. Choose one of these fun 'just dance kids' activities OR play your own 'dance' games OR create your own dance to a song:              Can't stop the feeling (trolls kid version) <a href="https://www.youtube.com/watch?v=KhfkYzUwYFk">https://www.youtube.com/watch?v=KhfkYzUwYFk</a>              Pirate dance: <a href="https://www.youtube.com/watch?v=oe_HDfdmnaM">https://www.youtube.com/watch?v=oe_HDfdmnaM</a>              'I'm a gummy bear!' <a href="https://www.youtube.com/watch?v=KVE-T2_vLpY">https://www.youtube.com/watch?v=KVE-T2_vLpY</a></li> <li>3. Play a ball game of your choice with your family.</li> </ol>	
<p><b>Science</b></p>	<p>Please see attached sheet for this term's projects.</p>	
<p><b>Star</b></p>	<p>Please see attached sheet for this term's projects.</p>	

# Science: Plants

This term in Science we will be learning how seeds and bulbs grow into mature plants and what they need to grow and stay healthy. Below are 3 Science Investigations/Projects you can choose to complete over the next term. You can do as many as you like. Please note you do not have to complete all of these projects and they are for the whole term.

## What do plants need to grow and be healthy?

See the linked powerpoint on Class Dojo or read below:

We will use one pot as our control (pot 1). This means that this pot will be grown in the best way possible, with water light and air. For the other pots we will remove one of these.

You will be setting up:

Pot 1: Water, light and air

Pot 2: Water, light, no air

Pot 3: Water, no light, air

Pot 4: No water, light, air.



### Method:

1. Fill pot 2 with water to the seeds.
2. Lay folded wet paper towel at the bottom of pots 1 and 3 to provide water. Put dry paper towel in pot 4.
3. Place a small scattering of seeds (~10) in each pot.
4. Cover each pot with clingfilm and then poke several holes in it. This will prevent the water from evaporating as quickly.
5. Put pot 3 in a cupboard so that it cannot get light.
6. Put pots 1, 2 and 4 on a windowsill.
7. Wait 10 days. Make sure the paper towel in pots 1 and 3 stay wet - check at least once a day. The seeds under water will need to have their water changed regularly or mould will grow.

### Tasks:

**Day 1:** Write your predictions for each pot. Do you think the seeds in all four pots will grow? Will they look different?

**Day 3:** What can we measure or observe at the end of this experiment? Come up with a way to compare the plants on day 10.

**Day 6:** You should now see white roots on your seeds. Draw a picture of these roots. Find out what roots do.

**Day 10:** Record your results and write a conclusion:

Measure or observe your different plant pots.

1. What did you observe or measure;
  - a) In the pot without air? (pot 2)
  - b) In the pot without light? (pot 3)
  - c) In the pot without water? (pot 4)
2. Copy and complete:

**In conclusion, for plants to grow they need...**

**I know this because...**

3. How could you improve your investigation in the future?

## Study flowering plants and trees

See the linked powerpoint and resources on Class Dojo and/or read below:

### Tasks:

- Can you find and identify any of these plants in your garden or local area: daisy, buttercup, nettle, bramble, dog rose, dandelion, clover, grass, rose, sunflower, lily, sweetpea, fuschia and ivy? Can you take photos or draw pictures of them and label them?
- Can you find and draw or photograph and label these trees? (NB: Trees are a kind of plant.) Oak, rowan, beech, sycamore, lime, holly and hawthorn?
- Can you choose a flowering plant and draw a large diagram of it and include these parts: leaves, stem, flower, roots?
- Can you choose a tree and draw a large diagram of it and include these parts: leaves, trunk, branches, roots?
- Study tree leaves: Can you measure a tree leaf with a ruler? Can you do tree leaf rubbings with crayons/ charcoal?

## Investigate plant life cycles

See the linked powerpoint and resources on Class Dojo and/or read below:

### Method:

Plant a seed and observe it's growth. For example, a bean plant or a sunflower. Give it everything it needs. Measure it's growth and describe what it looks like every week for up to 4 weeks.

### Tasks:

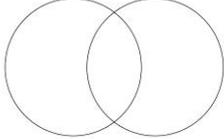
- Record the height and appearance of your plant in a table.

	Dwarf Sunflower 
Week 1	
Week 2	
Week 3	
Week 4	

- Draw and label a life-cycle diagram of your plant. A bean plant diagram would include: bean pods, bean, seedling, flowering plant. Sunflower would include: seed, sunflower plant, flower, seeds fall.

# STAR - Our Amazing World: Let's go on Safari - Kenya

This term we will be looking more closely at one country: Kenya. We will be comparing the geography of England and the geography of Kenya. Below are 9 projects you can choose to complete over the next term. You can do as many as you like or you can choose to spend more time on just a few. Please note you do not have to complete all of these projects and they are for the whole term.

<p>Draw or make a salt dough 3D map of Africa - labelling Kenya, The Nile, Mount Kilimanjaro, The Sahara Desert and The Kalahari Desert.*</p> 	<p>Make a poster all about Kenya.*</p> 	<p>Compare the climate and weather of England and Kenya.*</p> 
<p>Find out about the Maasai tribe. Present your work as a fact sheet.*</p> 	<p>Compare the African savanna to the English countryside. What are they both like? What kinds of animals live there? What plants grow? Draw or find a picture of both and label the human and physical features.</p> 	<p>Make a model or draw/paint/collage a picture of an African animal.</p> 
<p>Design and make your own safari map with a grid. Write some directional questions for your family that uses compass points.*</p> 	<p>Create an African sunset picture.*</p> 	<p>Design and make your own Maasai necklace.*</p> 

\* There is a resource to help you on class dojo.