



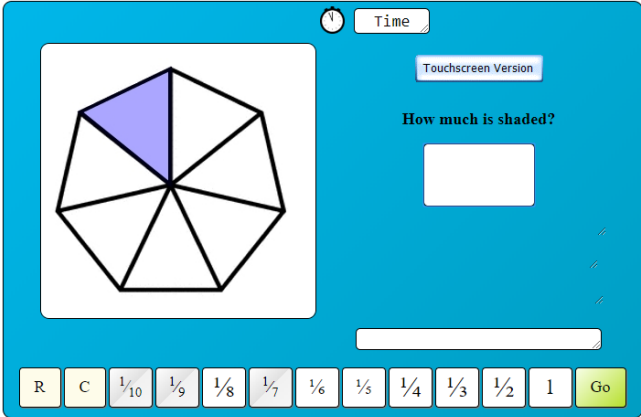


## Year 3 Nova Home Learning

Day	<p><b>Writing Task</b> Please remember to practise your spellings (shown on the last page) and handwriting! <i>Also use</i> <a href="https://www.topmarks.co.uk/english-games/7-11-years/spelling-and-grammar">https://www.topmarks.co.uk/english-games/7-11-years/spelling-and-grammar</a></p>	<p><b>Maths Task</b> Please play Time Table Rockstars to practise your fluency!</p>	
1	<p><b><u>LO: To use past, present and future tenses</u></b></p> <p>Tenses show whether something has already happened (past), is happening now (present) or is yet to occur (future):</p> <div style="display: flex; align-items: flex-start;">  <div> <p><b>Past:</b> The monkey <b>swung</b> through the trees.</p> <p><b>Present:</b> The monkey <b>swings</b> through the trees.</p> <p><b>Future:</b> The monkey <b>will swing</b> through the trees.</p> </div> </div> <p><a href="https://www.bbc.co.uk/bitesize/topics/zrqqtfr/articles/z3dbg82">https://www.bbc.co.uk/bitesize/topics/zrqqtfr/articles/z3dbg82</a></p> <p>Write 3 sentences for each of these pictures. Describe each in <b>past</b>, <b>present</b> and <b>future</b> tenses.</p> <div style="display: flex; justify-content: space-around; margin-top: 10px;">    </div>	<p><b><u>LO: Identify unit fractions of a shape</u></b></p> <p>Use the link below to take you to the fractions challenge: <a href="http://www.snappymaths.com/counting/fractions/interactive/unitshapes/unitshapes.htm">http://www.snappymaths.com/counting/fractions/interactive/unitshapes/unitshapes.htm</a></p> <p style="text-align: center;">● 10 Minutes ● 5 Minutes ● 1 Minute</p> <div style="border: 1px solid #00a0e3; padding: 10px; background-color: #00a0e3; color: white; margin: 10px auto; width: fit-content;"> <div style="display: flex; justify-content: space-between; align-items: center;"> <span>Time</span> <span>Touchscreen Version</span> </div> <div style="text-align: center; margin: 10px 0;"> <p>How much is shaded?</p> <div style="border: 1px solid white; width: 50px; height: 30px; margin: 0 auto;"></div> </div> <div style="display: flex; justify-content: center; gap: 5px; margin-top: 10px;"> <span>R</span> <span>C</span> <span>1/10</span> <span>1/9</span> <span>1/8</span> <span>1/7</span> <span>1/6</span> <span>1/5</span> <span>1/4</span> <span>1/3</span> <span>1/2</span> <span>1</span> <span style="background-color: #90ee90; padding: 2px 5px;">Go</span> </div> </div>  <p>Look at each shape and identify the fraction that has been shaded in.</p> <p>In the example above, the shape has been divided into 7 equal parts and 1 has been shaded. The answer is <math>\frac{1}{7}</math> (one seventh).</p> <p><b>Parents/Carers:</b> These are all 'unit' fractions because only one of the equal parts is shaded, e.g.: <math>\frac{1}{2}</math> or <math>\frac{1}{4}</math>. Non-unit fractions would have more than one part shaded, e.g. <math>\frac{3}{4}</math> or <math>\frac{7}{8}</math></p>	<p><b><u>LO: To identify different rainforest animal species</u></b></p> <p>Complete the rainforest animal word search. The online link is here: <a href="https://12ee0b5a-abb3-9812-7a54-6dc8dc507f17.filesusr.com/ugd/5cd6ef_4ce9349569f04e748643e4a84d7040f4.pdf">https://12ee0b5a-abb3-9812-7a54-6dc8dc507f17.filesusr.com/ugd/5cd6ef_4ce9349569f04e748643e4a84d7040f4.pdf</a></p> <div style="font-family: monospace; font-size: 0.8em; letter-spacing: 0.2em; margin-top: 10px;"> <p>P U P A N A C O N D A Z I N R  A C I H O L W E R M O N K E Y  M U R S P U R G W H J Z T P L  P R A I R T J A O R T T O E P  A A N T U N C R C R O O O S O  S R H T L A V R R R I P L P I  F I A E M R N T E V A L J S S  O P O U H A E V T R X L L Q O  X W J W H T I G D B M S O A N  R O T C I R T S N O C A O B D  X B W R T E O L L I D A M R A  X E P N Y T N A C U O T T I R  G I A N T A N T E A T E R P T  R I D M B E I N N L S C W A F  G P I N K D O L P H I N I T R  S Q U I R R E L M O N K E Y O  V V O W L I R L H E O M F M G  N B L U E B U T T E R F L Y O</p> </div> <p><b>Can you find these animals?</b>  Squirrel monkey, Giant anteater, Gorilla,  Sloth, Poison dart frog, Pink Dolphin,  Piranha, Armadillo, Tapir, Giant river  otter, Leopard, Pirarucu, Macaw,  Toucan, Anaconda, Pampas fox,  Birdeater tarantula, Blue butterfly,  Holwer monkey, Boa constrictor</p>

2

**LO: To make a prediction using present and future tenses**

You are going to watch a short film called 'The Lighthouse Keeper' but it is really important that you **pause at 1 minute and 5 seconds** as you are going to predict what happens next in the film:

<https://www.youtube.com/watch?v=6HfBbSUORvo>

You could use these sentence starters and vocabulary to help you and please also try to explain your ideas.

I predict that  
After this,  
Suddenly,  
Before long,  
Next,  
Finally,

Predictive language: *expect, anticipate, foresee, predict, sure, certain, imagine, probably, possibly*

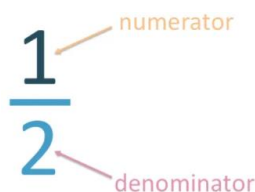
For example:

*I predict that lightning will strike the lighthouse because the weather is stormy and the lighthouse is high up on the cliffs. After this, I anticipate that the lighthouse keeper might dash up the stairs and possibly discover a raging fire on the roof. Suddenly, a ship will...*

When you've written your prediction, watch the rest of the film. Was your prediction correct?

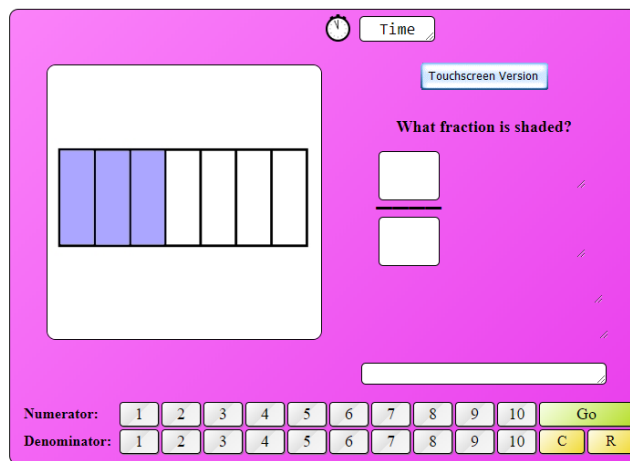
**LO: To identify non-unit fractions of a shape**

Some essential fraction vocabulary: **numerator** and **denominator**



Use the link below to take you to the fractions challenge:  
<http://www.snappymaths.com/counting/fractions/interactive/multishapes/multishapes.htm>

● 10 Minutes ● 5 Minutes ● 1 Minute



In this task, you will need to identify the **numerator** and the **denominator** for each shape.

In the example above, the shape has been divided into 7 equal parts – this is the **denominator** and it goes at the bottom of the fraction.

3 of the 7ths have been shaded so the **numerator** is 3 and this goes at the top of the fraction.

The answer is 3/7

**LO: To order the four layers of the rainforest**

Draw a diagram of the rainforest like the one shown below. You will need to label **the four layers** of the rainforest.



Use the clues in each description below to help put the layers in the right order:

**UNDERSTORY**

The animals here can climb to this layer and also hide away in the plants

**EMERGENT LAYER**

The animals here have wings, can fly or glide or are great climbers

**FOREST FLOOR**

The animals here are not good at climbing but can camouflage

**CANOPY**

This is hope to animals with long arms or claws for climbing

<p><b>3</b></p>	<p><b><u>LO: To find synonyms for common words</u></b></p> <p>A synonym is a word that has the same or very nearly the same meaning as another word. For example, here are some synonyms for 'hot': scorching, blazing, sizzling, warm. <b>Can you think of any others?</b></p> <p>Synonyms are great because they can help to make our writing more interesting. If it's difficult to think of synonyms yourself, a thesaurus is a fantastic tool.</p> <p><b>Write three synonyms</b> for each of the words below. Use <a href="http://www.thesaurus.com">www.thesaurus.com</a> if you need extra ideas.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">1. Happy</td> <td style="width: 50%;">5. Tall</td> </tr> <tr> <td>2. Sad</td> <td>6. Dark</td> </tr> <tr> <td>3. Big</td> <td>7. Wet</td> </tr> <tr> <td>4. Small</td> <td>8. scary</td> </tr> </table>	1. Happy	5. Tall	2. Sad	6. Dark	3. Big	7. Wet	4. Small	8. scary	<p><b><u>LO: To use column addition accurately</u></b></p> <p>Add these numbers using your knowledge of column addition:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">a) <math>642 + 237 =</math></td> <td style="width: 50%;">d) <math>267 + 419 =</math></td> </tr> <tr> <td>b) <math>313 + 672 =</math></td> <td>e) <math>546 + 282 =</math></td> </tr> <tr> <td>c) <math>458 + 325 =</math></td> <td>f) <math>349 + 376 =</math></td> </tr> </table> <p><b>Remember to line your digits up accurately and always start adding from the ones column.</b></p> <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr><td style="border: 1px solid black; width: 20px; height: 20px;"></td><td style="border: 1px solid black; width: 20px; height: 20px;"></td><td style="border: 1px solid black; width: 20px; height: 20px;"></td><td style="border: 1px solid black; width: 20px; height: 20px;"></td></tr> <tr><td style="border: 1px solid black;"></td><td style="border: 1px solid black; text-align: center;">2</td><td style="border: 1px solid black; text-align: center;">4</td><td style="border: 1px solid black; text-align: center;">7</td></tr> <tr><td style="border: 1px solid black; text-align: center;">+</td><td style="border: 1px solid black; text-align: center;">5</td><td style="border: 1px solid black; text-align: center;">3</td><td style="border: 1px solid black; text-align: center;">5</td></tr> <tr><td style="border: 1px solid black;"></td><td style="border: 1px solid black; text-align: center;">7</td><td style="border: 1px solid black; text-align: center;">8</td><td style="border: 1px solid black; text-align: center;">2</td></tr> <tr><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td><td style="border: 1px solid black; text-align: center;">1</td><td style="border: 1px solid black;"></td></tr> <tr><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td></tr> </table>	a) $642 + 237 =$	d) $267 + 419 =$	b) $313 + 672 =$	e) $546 + 282 =$	c) $458 + 325 =$	f) $349 + 376 =$						2	4	7	+	5	3	5		7	8	2			1						<p><b><u>LO: Research animals and their habitats</u></b></p> <p>Under your rainforest layers diagram from yesterday, list 3 animals that you would find living in each layer.</p> <p>You could use this game to help you.  <a href="https://www.rainforest-alliance.org/sites/default/files/uploads/interactives/treehouse/jewelsoftheearth/index.html">https://www.rainforest-alliance.org/sites/default/files/uploads/interactives/treehouse/jewelsoftheearth/index.html</a></p>
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<p><b>4</b></p>	<p><b><u>LO: To use synonyms to create interesting noun phrases</u></b></p> <p>Today, you are going to write noun phrases to describe some of the scenes and events from 'The Lighthouse Keeper' film.</p> <p>The film maker has created suspense by setting the film at night during a fierce storm. Your challenge is to think of interesting synonyms for your noun phrases that help describe the threatening atmosphere:</p> <p><i>Rather than: Tall, dark cliffs</i>  <i>You could have: Looming, shadowy cliffs</i></p> <p>Use <a href="http://www.thesaurus.com">https://www.thesaurus.com/</a> to help find interesting synonyms.</p> <p>Use this picture below, then chose any other scene/s from the film to write your own noun phrases.</p>	<p><b><u>LO: To use column subtraction accurately</u></b></p> <p>Subtract these numbers using your knowledge of column subtraction:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">a) <math>638 - 124 =</math></td> <td style="width: 50%;">c) <math>467 - 213 =</math></td> </tr> <tr> <td>b) <math>745 - 522 =</math></td> <td>d) <math>986 - 782 =</math></td> </tr> </table> <p><b>Remember to line your digits up accurately and always start subtracting from the ones column.</b></p> <p>For the following questions, you will need to exchange from the tens or hundreds columns.</p> <p><a href="https://www.youtube.com/watch?v=KrHvbjSk8kk">https://www.youtube.com/watch?v=KrHvbjSk8kk</a></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">e) <math>572 - 128 =</math></td> <td style="width: 50%;">g) <math>728 - 454 =</math></td> </tr> <tr> <td>f) <math>653 - 336 =</math></td> <td>h) <math>856 - 392 =</math></td> </tr> </table>	a) $638 - 124 =$	c) $467 - 213 =$	b) $745 - 522 =$	d) $986 - 782 =$	e) $572 - 128 =$	g) $728 - 454 =$	f) $653 - 336 =$	h) $856 - 392 =$	<p><b><u>LO: To create an rainforest animal fact file</u></b></p> <p>Choose one of the animals you listed on your rainforest diagram to research online in more detail. Below are some suggestions of subheadings for your fact file:</p> <ul style="list-style-type: none"> <li>• Image of the animal</li> <li>• Appearance</li> <li>• Habitat</li> <li>• Diet</li> <li>• Interesting facts</li> </ul>																														
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A reminder: A noun phrase is a **noun** and an **adjective(s)**.  
i.e.: **pounding waves** or **sharp, jagged rocks**

$$582 - 245 = 337$$

	5	<del>8</del> <sup>7</sup>	2		
-	2	4	5		
<hr/>					
	3	3	7		

**5** **LO: To retell part of a story and create suspense**

Watch 'The Lighthouse Keeper' film from when the light goes out (0:47) to where the ship is approaching (2:00).

<https://www.youtube.com/watch?v=6HfBbSUORvo>

Today you will retell this part of the story, aiming to create suspense for the reader. Think back to the stories you wrote about fears last term, here are some of the techniques we used to create tension and suspense:

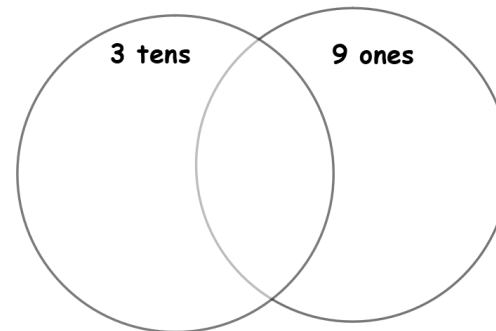
- include descriptive details, so the reader can picture events clearly (similies are a useful tool)
- keep the reader guessing what might happen next
- short, sharp sentences can shock the reader
- ellipsis ... show that something is about to happen...
- show, not tell: A shiver swept through him...

You can use the sentence starters and vocabulary here to help you retell this part of the story.

Suddenly, ...  
The lighthouse was...  
Nothing but...  
Only the chilling sound of...  
With his heart pounding, the lighthouse keeper...

**LO: To solve place value problems involving measures**

Draw a Venn diagram label the sets '3 tens' and '9 ones' as shown below:



Now sort the following measurements by writing them out in the correct set.

139ml	637p	1935g	439g	429l
483kg	381kg	492p	89cm	283cm
430g	119p	2943ml	939p	209l

**LO: To design create your own rainforest animal**

Now you know about the features of animals from different layers of the rainforest, design your own multi-layer rainforest creature that could live in all four layers of the rainforest. Make sure it has the ability to move freely on the emergent layer, the canopy, the understory and the forest floor.

Holding his lantern, he darted...  
 Fearfully, the man checked...  
 Out at sea, ...  
 What could he...?  
 As the lighthouse keeper lifted...  
 Smashed glass lay...

lighthouse	keeper	beams	light
darkness	silence	gloomy	sudden
shuddered	tremble	nervously	
held his breath	in alarm	cold sweat	
dread	ship horn	echoed	cautiously
chilling	mournful	panic	

**6** LO: To punctuate direct speech

Direct speech is where the exact words that have been spoken are written down:



This video explains how to use speech marks and the other punctuation rules for direct speech.

<https://www.youtube.com/watch?v=6-YFmLctwDY>

Chose names for the children below and punctuate their direct speech in sentences:

LO: To revise my 8 times table

$3 \times 8 =$	$12 \times 8 =$
$10 \times 8 =$	$72 \div 8 =$
$16 \div 8 =$	$\square \times 8 = 32$
$40 \div 8 =$	$6 \times 8 =$
$\square \times 8 = 8$	$8 \times 8 =$
$11 \times 8 =$	$56 \div 8 =$

You may find it helpful to write out the full 8 times table first.

LO: To make a tropical leaf

Tropical leaves come in all sorts of incredible shapes. Here are some examples:



Draw, colour and cut out your own tropical leaf.



Parents / Carers: Children usually find it difficult to remember the comma before the opening speech marks.

**7** LO: To punctuate speech and use synonyms for said

There are so many words you can use instead of said and many of these are useful because they show *how* something was spoken.

“It is raining again,” said John. could be changed to “It is raining again,” moaned John which is more descriptive.

Here are some more useful examples:

<p>murmured sighed <b>whispered</b> mumbled muttered</p>	<p>proclaimed announced <b>declared</b> expressed voiced pronounced</p>	<p>answered retorted <b>replied</b> responded</p>
<p>roared bellowed cried screamed <b>shouted</b> yelled called howled</p>	<p>quizzed probed questioned <b>asked</b> interrogated examined</p>	

LO: To multiply using a formal method of multiplication

Use your knowledge of column multiplication to solve these problems.

$32 \times 3 =$     $43 \times 2 =$     $15 \times 4 =$     $34 \times 6 =$     $47 \times 3 =$

$71 \times 6 =$     $63 \times 4 =$     $48 \times 8 =$     $279 \times 3 =$     $125 \times 5 =$

[https://www.youtube.com/watch?v=SfxULALs\\_u8](https://www.youtube.com/watch?v=SfxULALs_u8)

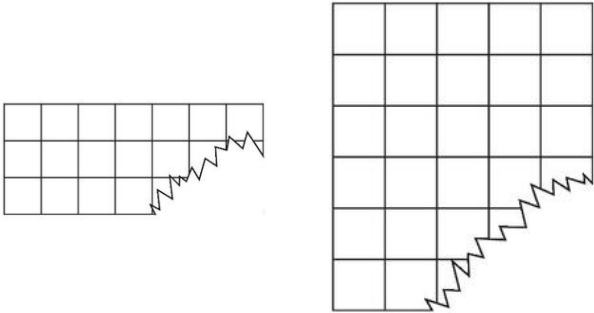
LO: To design a poster showing the importance of plants

Plants have many uses in our everyday lives. How many can you think of?

You may want to watch this clip to give you a few ideas:

<https://www.bbc.co.uk/bitesize/clips/zyqw2hv>

Your task is to design a poster that will show the importance of plants and to show why it is important that we value them.

	<p>Punctuate the speech below and use a synonym for said in each sentence. <b>Don't forget the comma at the end of the direct speech:</b></p> <p>“We're having roast chicken on Sunday,” <b>announced</b> James.</p> <p>1) We're having roast chicken on Sunday _____ James</p> <p>2) I didn't win at bowling either but I still had fun _____ Ruksana</p> <p>3) Yes you can come to my party _____ Stephen</p> <p>4) Looking after a pet makes you more responsible _____ Lee-Chen</p> <p>5) Where have you been _____ mum curiously</p> <p>6) Did you finish your work before putting your book away _____ the teacher</p> <p>7) Where on earth have I left my keys _____ dad crossly</p> <p>8) That's a brilliant piece of writing _____ the teacher</p>		
<p><b>8</b></p>	<p><b><u>LO: Punctuate direct speech and use synonyms for said</u></b></p> <p>Re-watch 'The Lighthouse Keeper'  <a href="https://www.youtube.com/watch?v=6HfBbSUORvo">https://www.youtube.com/watch?v=6HfBbSUORvo</a></p> <p>Now, go back to each of these parts of the film (0:43, 1:04, 1:54, 2:20) and imagine what the lighthouse keeper might be saying out loud.</p> <p>For each picture, you should:</p> <ul style="list-style-type: none"> <li>• Write the lighthouse keepers speech</li> <li>• remember all the punctuation rules</li> <li>• use synonyms for said</li> <li>• use different pronouns (The Lighthouse Keeper, He, The old man etc.)</li> </ul>	<p><b><u>LO: I can solve problems using multiplication</u></b></p> <p>The grids have had their corners cut off. How many squares did each grid have to begin with?</p> 	<p><b><u>LO: To revise the lifecycle of plants</u></b></p> <p>Follow this link to watch the film about the lifecycle of plants. Then take the quiz to test your understanding of the lifecycle process.</p> <p><a href="https://www.bbc.co.uk/bitesize/topics/zpxnyrd/articles/z2vdjxs">https://www.bbc.co.uk/bitesize/topics/zpxnyrd/articles/z2vdjxs</a></p>

The first one has been done for you:

1) 0:43



The grumpy man moaned, "I wish everyone would be quiet, I can't concentrate."

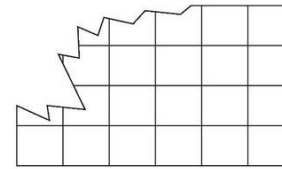
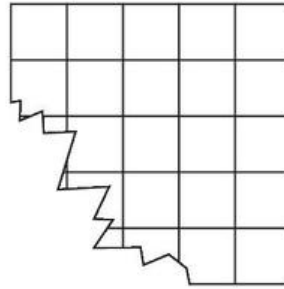
2) 1:04



3) 1:54



4) 2:20



Can you write the answers for each grid as a multiplication number sentence?

9

**LO: To write an acrostic poem**

In an acrostic poem, the first letter of each line spells out the poem theme vertically:

**I**t's my favourite food  
**C**old as the inside of a fridge  
**E**very sunny day

**C**an't wait  
**R**unning to the van  
**E**mpy out the money  
**'A**ny sauce on that, love?  
**M**mmmmm, yummy!

**LO: To divide on a number line**

Use your knowledge of division on a number line to solve these problems.

- a)  $45 \div 5 =$
- b)  $36 \div 6 =$
- c)  $24 \div 3 =$
- d)  $56 \div 4 =$
- e)  $84 \div 6 =$
- f)  $33 \div 4 =$
- g)  $67 \div 5 =$
- h)  $71 \div 10 =$
- i)  $66 \div 8 =$
- j)  $109 \div 6 =$

[https://www.youtube.com/watch?v= K EclUnv6k](https://www.youtube.com/watch?v=K EclUnv6k)

**LO: To label different parts of a flower**

This film shows introduces the different parts of a flower, showing where they are found and how they function.

<https://www.bbc.co.uk/teach/class-clips-video/science-ks1-ks2-ivys-plant-workshop-the-anatomy-of-the-flower/zimhkmn>

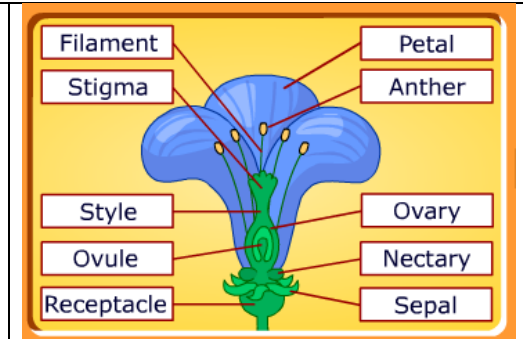


Here are some more examples and some good ideas to help get you started:

<https://www.youtube.com/watch?v=ybexYTzmZ5Y>

Rhyming is not an important feature of acrostic poems and the lines can be different lengths.

Please write and illustrate an acrostic poem. You could use 'LIGHTHOUSE' or 'RAINFOREST' as your theme or chose your own.



Have a go at dissecting and labelling the different parts of a flower on this game: <https://www.sciencekids.co.nz/gamesactivities/lifecycles.html>

10

**LO: To write a Haiku**

A Haiku is a traditional Japanese poem. It is a very short poem that follows two strict rules:

- 1) The Haiku has only 3 lines
- 2) The syllable count pattern for the lines is 5, 7, 5

Here's an example and I have coloured the syllables in each line. Try clapping each syllable as you read it.

**Rain**  
Listen to the rain  
Pouring down in a fury  
Take cover, stay dry

Today, you should write your own Haiku. You could use the same themes from yesterday and take an idea from 'The Lighthouse Keeper', chose to write about the Rainforest or pick your own idea.

Here's a clip to help you:

<https://www.youtube.com/watch?v=Lv6f5d8-vsc>

**LO: To solve division word problems**

For each question, you should show the calculation as a number sentence and write the answer as a full sentence. For example:

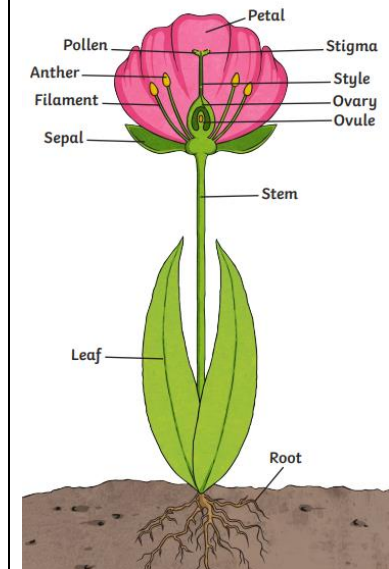
**Question:** A class of 30 children are put into 5 football teams. How many children are there in each team?

**Answer:**  
 $30 \div 5 = 6$   
**There are 6 children in each team**

1. Holly is sharing 24 sweets between her 3 friends. How many sweets do they each get?
2. Grandad George shared £44 between his 4 grandchildren. How much money did they each receive?
3. A teacher asks children to arrange 36 chairs into rows of 9. How many rows will there be?
4. A crate holds 72 bottles. How many packs of 6 bottles will be in each crate?
5. 105 books are arranged onto shelves and there are fifteen books on each shelf. How many shelves are used?

**LO: To draw and label a diagram of a flower**

Here is another diagram showing the different parts of a plant. Use your knowledge to draw a plant and flower then label the parts you know.



Spellings

These words all have the 'ly' suffix but do not follow the usual rules for adding a suffix; they just need to be learnt.

Spellings
truly
duly
publicly
daily
slyly
shyly
fully
wholly
coily
happily

Roll a die or ask someone to pick a number from 1-6 for each spelling.

- Write your word in a full sentence.
- Write your word in capital letters.
- Write your word three times.
- Write your word in different colours.
- Write what your word means.
- Spell the word out loud.

To challenge yourself, why not do all of the numbers for each spelling!

Here's a virtual dice if you don't have your own:  
<https://www.online-stopwatch.com/chance-games/roll-a-dice/>

Cover up the spelling list and see if you can work out what each of these words is!

tr _ _ _	d _ _ l _
s _ _ _ _	sh _ _ _
f _ _ _ y	_ o _ _ y
wh _ _ _ _	_ u l _
p _ b _ i _ _ y	_ a _ _ i _ y