Stay Safe

Hello Year 3!

Another two week have passed! How are you all? We hope you are all staying home and staying safe, and looking after each other and your families. We miss you all and are thinking about you lots.

Remember it is important to stay in a routine, make sure you are not going to bed late! So make sure you have regular bedtimes and waking up/breakfast times. Please try not to stay in your pyjamas once you have got up. Try and have regular meal times where you can eat together as a family and talk.

Welcome to your next exciting work pack!

Here is new learning pack filled with exciting activities for you to do. This is to work through at home at your own pace. It's a good idea to start your schoolwork at the same time each day, so that you can have a bit of a routine.

Keep using Purplemash. Some of you are doing some fantastic work. Your teachers are very impressed. Keep going!! There are lots of tasks to do and games to play. Mrs. Arnold can give you feedback on your work and you can talk to one another using the blogging tool. We would love to see more of you using it as it's a great way to communicate.

If you have any questions about the work pack, the best place to ask them is in the Year 3 Blog on Purple Mash. You can access this by going to the home page and logging in, then Computing, 2Blog and click on Year 3 Blog.

If you can't get online and you have a question, just ring school and they will get one of the teachers to contact you to help.

Don't forget, you can still access all of the other online learning tools.



Let school know if you can't find your log in and we can send it to you.

If you have any work you would like to share with your teachers, please send your attachments to : homelearning@greenlane.ngfl.ac.uk

We miss you so much and can't wait till we are all back together again. I know that you will be doing a fantastic job of helping your families through this tricky time.

Stay safe, keep learning and we will see you all soon.

Mrs. Arnold, Miss Fazal, Miss Bhalla, Miss Asma and Mrs. Florence.

Home	Topic	Spelling -Pages 37	
	Writing – Pages 3-8 In this learning pack you will be learning about the	Have a go at doing one	
<u>Learning</u>	Ancient Egyptian Farming and Food	of the activities and	
Year 3	Dood the information on many 2.4	trying to learn the	
	Read the information on pages 3-4 • Complete the activity on pages 5-6	spellings on the list.	
		SPaG Page 35-36	
	Read the information on Farming p. 7 • Write 10 questions about farming using page 8	Cominmetions	
	• Write to questions about farming using page o	Conjunctions	
Maths –Pages 38-52	Times Tables Games –Page 50-52	Maths – Pages 48	
_		Shape and Space	
– Have a go at some of	Multiplication Practice	Shape puzzle	
the questions and revise your maths skills.	Play these games to help you practise your times tables	How many of Triangles of Mary	
Science – Pages 53-62	Wellbeing – Pages 20-34	Physical challenge –	
What plants need to grow p. 53-57	Complete the Mindfulness Balloons activities. P.20-21	Pages 33-34	
p. 33 37	Talk	Simon Says	
Online Science	Wellbeing Dinner time conversation starters p.22-23	What's Your Name?	
Learn more about plants	Things I like family dinner conversation starters p.24-25		
by visiting these sites p.58	Why not have a go at Wellbeing Craft ? P.26		
ρ.30	Sun Burst Weaving		
Deepening understanding			
Needs of a plant	Picture News - Lockdown Experiences		
p.59	Discuss and Talk		
Plant structures	It has been a difficult time for everybody during lockdown. We have experienced lots of different		
wordsearch p.60	emotions throughout it. Read the experiences of		
	children Talk to your family about your thoughts and		
Design your own flower	feelings and write them in the thought bubbles. P.27-28		
p.61-62	Mindful colouring p.21-22		
Bake Like An Egyptian	Topic Pages 9-14	Reading – Page 17-19	
P.15-16 Date Balls	Goography - Food and Drink Pood pages 0.10 and use	A quidance for parents	
Egyptian Bread	Geography – Food and Drink Read pages 9-10 and use the information to complete the task on p.11	A guidance for parents	
Why not have a go at	Making a Shaduf p.12-13	Read the extracts about	
making these two	Farming word search - p.14	Howard Carter and	
Egyptian recipes.	Father's Day colouring p29-30	Friendly Felines and	
Why not take photos and	Mindful colouring – p.31-32	answer the questions	
Why not take photos and post them GL home			
learning page?			



Ancient Egyptian Farming Activity

Farming Calendar

As the climate in Egypt is hot and dry, the ancient Egyptians relied on the river Nile to provide fertile land to plant their crops. In fact, it was so important that Herodotus, an ancient Greek historian, remarked that Egypt was 'the gift of the Nile'.

Create an ancient Egyptian farming calendar to help children understand when farmers planted and harvested their crops.

What you need:

- · A set of three circles to make the wheel
- Scissors
- · Split pin
- · Coloured pencils
- · Examples of ancient Egyptian drawings
- Information sheet

What to do:

- Cut out the three circles from the activity sheet.
- 2. The smallest circle is divided into 12 parts. Write the months of the year in order.
- 3. Colour the months below using the following colours:

Blue: June, July, August, September, October



Green: November, December, January, February



Red: March, April, May



- 4. The middle-sized circle is divided into three parts. Along the outside edge of each section, write the information for the three ancient Egyptian farming seasons: akhet, proyet or shomu. The information is provided on the activity sheet. Children can copy it, rewrite it in their own words or research each season and create their own text. Remind them to write along the outside edge only as the text should not be covered when the circles are fitted together.
- 5. Colour the months below using the following colours:

Akhet (flood) - blue



Proyet (planting) - green

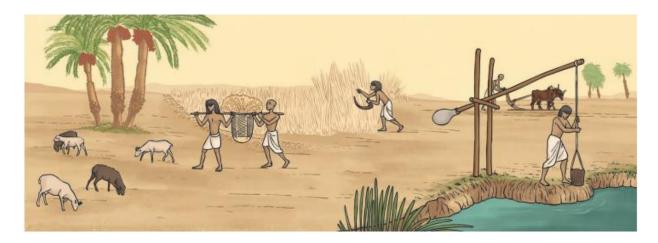


Shomu (harvest) - red





- 6. The large circle is also split into three parts. Along the outside edge, write either akhet, proyet or shown in the appropriate month. It can then be illustrated to show what ancient Egyptian farmers would be doing during each season. The children could colour the headings to match the other two wheels.
- 7. Lay each circle one on top of the other and fix together with the split pin.
- The children can now move the circles to match up the farming seasons and discover what jobs kept ancient Egyptian farmers busy.



Ancient Egyptian Farming Information

Months of the Year

January April July October
February May August November
March June September December

The Farming Seasons of Ancient Egypt

Akhet: Flooding

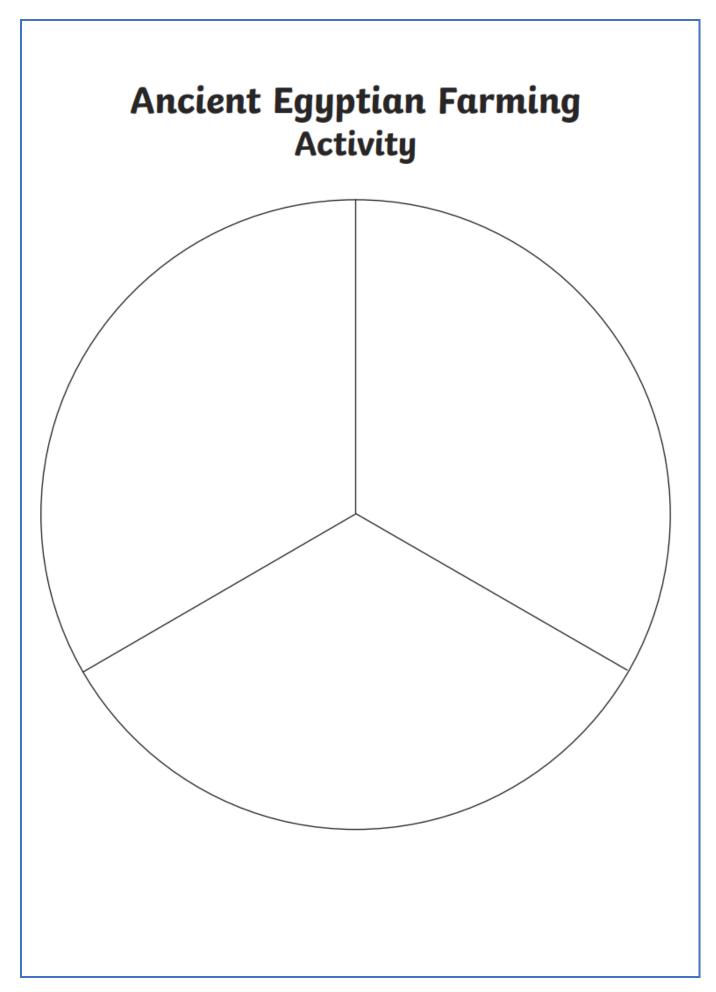
At this time of year, the Nile flooded the land. During these months, farmers could not work. Instead, they worked as labourers often building temples and pyramids.

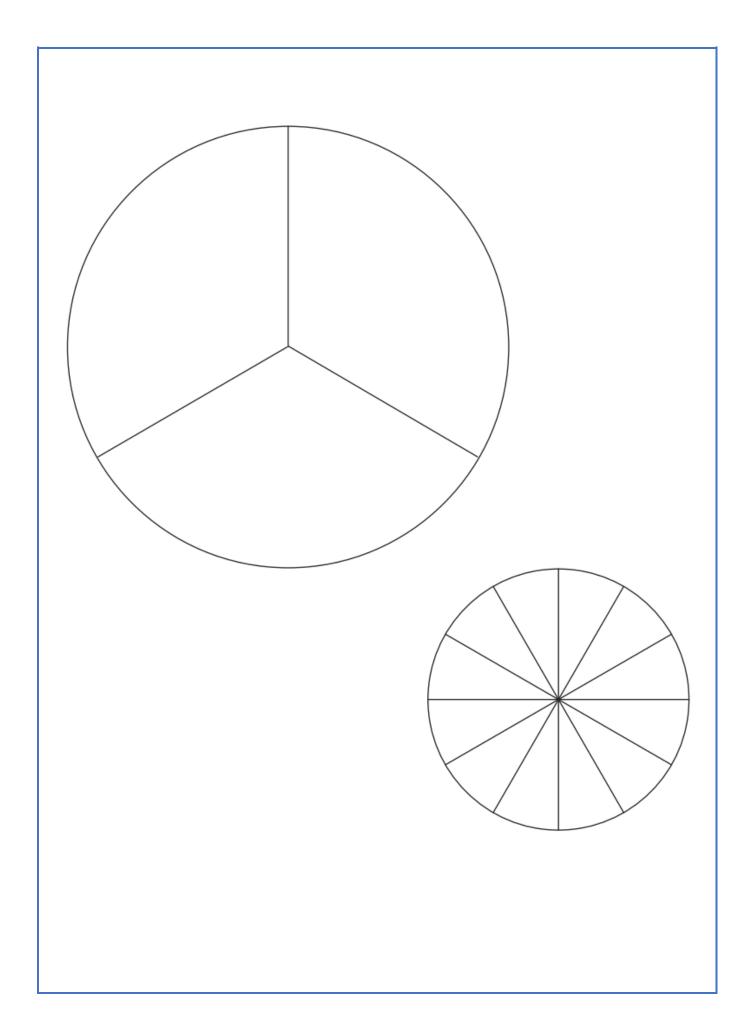
Proyet: Planting

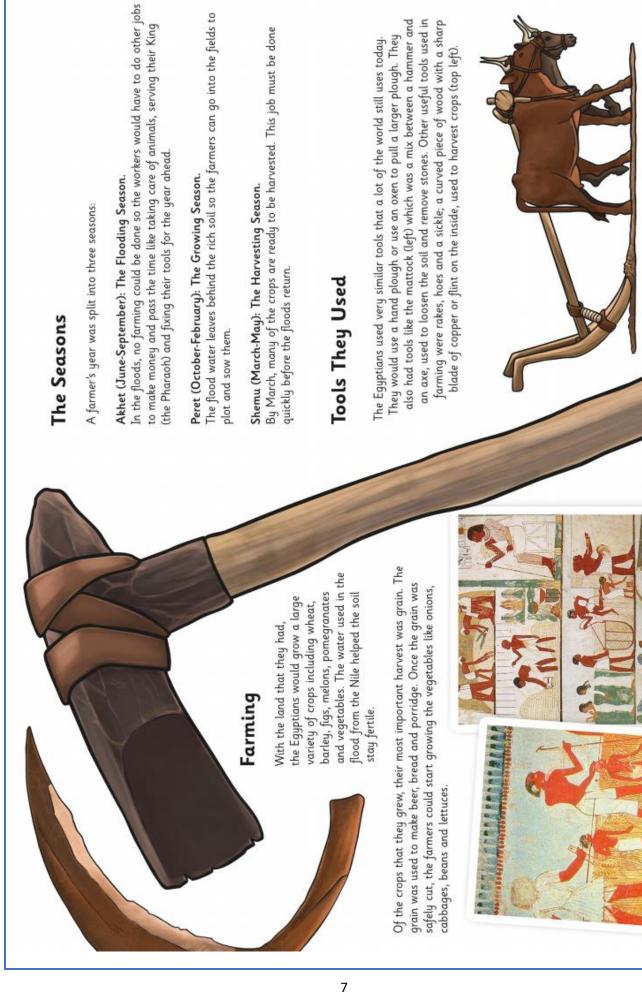
As the floods retreated, the fields reappeared. Farmers repaired any damage, making sure channels were clear for drainage and watering. During this season, fields were ploughed and crops, such as barley, cucumber, lentils, beans, onions and dates, were planted.

Shomu: Harvest

During this season, fields were baked hard by the hot desert sun. Farmers used shadufs to transport water from the Nile to their crops. It was a busy time when farmers gathered their crops before the floods returned. Some farmers even used baboons to pick hard-to-reach fruit.







Use the farming sheet on page 7 to write ten questions.				

Ancient Egyptian Food and Drink

The Egyptians relied on the river Nile and the rich, fertile soil that surrounded the river for nearly all of their food and drink. Fishing and agriculture were two of the most important jobs in ancient Egypt. The weather played a big part in the success of crops. A long drought could mean a whole year's crops would be lost and people would need to survive on food that was stored from the previous year's harvest. What sort of things did the ancient Egyptians eat and drink?

Bread

Bread was the most important and frequently eaten food. There were many different types of bread and it came in a wide range of shapes and sizes.



Cereals

Wheat, barley and corn were cultivated in the rich fields nearby to the river Nile. Cereal crops, just like today, were important in the production of a wide range of food and drink, including bread and beer.



Fruit and Vegetables

Lots of vegetables and fruit that we recognise today would have been eaten by ancient Egyptians. They were known to have eaten lettuce, cucumber, onions, peas, beans, garlic, figs, dates, pomegranate and watermelon.



Fish

The river Nile had many different species of fish that could be caught and eaten. Drawings and paintings have told historians a lot about how ancient Egyptians caught their fish.



Ancient Egyptian Food and Drink

Meat

Animals were bred in captivity or hunted for their meat. Only the wealthiest people ate meat regularly as part of their diet and this would have included cows, goats, pigs, and even antelope!



Birds

Ancient Egyptians kept ducks for their meat as well as their eggs.

They also would have hunted and eaten geese, swans and pigeons!



Beer

This was the most commonly consumed beverage for the lower classes of ancient Egypt. The brewing process meant that beer was safer to drink than water, which was often polluted. Beer was made using bread and yeast.



Wine

The ancient Egyptians were good at growing grapes and making wine. There are many paintings and drawings showing the winemaking process.



Fruit Juice

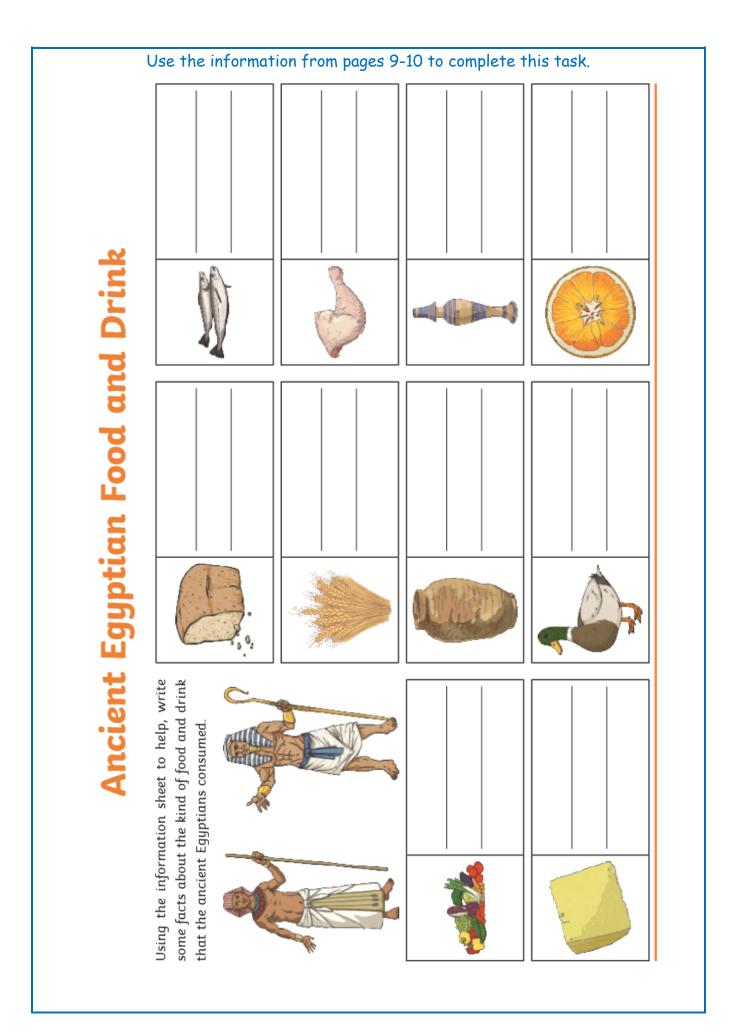
The wide range of fruits that grew in the hot climate of Egypt meant that the ancient Egyptians had a wide range of fruit juices to drink. These included figs, grapes and pomegranate.



Dairy

The ancient Egyptians drank milk and made cheese from cow's and goat's milk.





How to Make a Shaduf

A shaduf is a hand-operated machine used to transport water from a lower level to a higher one. It was used by the ancient Egyptians to help water crops. Follow these step-by-step instructions to make your own shaduf.

You will need:

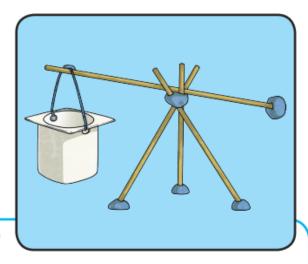
- four pieces of wooden dowel three cut into 20cm lengths and one at 30cm
- · bowl of water
- · modelling clay
- yoghurt pot
- string
- · sticky tack
- · pencil
- scissors
- ruler, saw and clamp (if you are cutting the dowel yourself)

Instructions

- 1. If you are cutting the dowel yourself:
 - use a ruler to measure three lengths of 20cm and one of 30cm. Mark each measurement using a pencil.
 - Put the dowel into a clamp and then carefully saw each length.

Sawing Safety Tips!

- · You may wish to wear safety goggles.
- Securely attach a clamp to the table and then fix the dowel in it to make sure the wood doesn't slip.
- If you are right-handed, you need space to the right side of the bench hook for cutting the lengths of wood; this space will be on the opposite side if you are left-handed.
- Hold the saw with the hand you use to write with and place the other hand away from the saw on the table.
- · Pull back with the saw before pushing forward.



- 2. Your shaduf will need to be on a raised surface so that the container can reach down to pick up water from a lower level.
- 3. Place the three dowels of the same length together, ensuring they are apart at the bottom but touching at the top to make a tripod.
- 4. Secure the dowels to your surface by putting a lump of modelling clay at the base of each one.

At the top, the ends should be joined using a lump of modelling clay but with the three ends sticking up above the modelling clay.



- 5. Place the longer piece of dowel so the middle of it rests on top of the tripod inbetween the three ends. You may want to loosely secure it with a piece of modelling clay don't push down too hard though as this piece needs to pivot back and forth.
- 6. Put holes at the top of the yoghurt pot on either side:
 - Place the pot on its side and put a piece of sticky tack underneath it where you want the hole to be.
 - From the inside of the pot, use a pencil to press through the pot and into the sticky tack.
 - · Repeat on the other side.
- 7. Cut a length of string to 10cm.
- 8. Put one end of string through one of the holes in the yoghurt pot and tie a knot on the end inside the pot so that it can't come back out. Repeat for the other hole so you have a loop.
- 9. On one end of the long piece of dowel, put a lump of modelling clay. This is your counterweight
- 10. On the other end of the longer piece of dowel, place the string with the yoghurt pot dangling down. Fix the string in place with a small piece of modelling clay.
- 11. Put the bowl of water on to the lower level near the yoghurt pot. Pull the pot down so it it reaches the bowl and fills with water.
- 12. Pull on the counterweight to lift up the pot of water. And that's basically how the ancient Egyptians moved water.

Challenge

Using other equipment, can you find a way to make the shaduf spin round so the water can be emptied on the other side?

Can you make a shaduf using different construction equipment or toys?

Egyptian Farming

Η Κ S F S Ν Ζ S S Η D U G 0 D \mathbf{C} Ζ Υ V Ι S Ε Χ R T 0 Ε Ν W D Ε V G R Ν Α V U Ε T V С Ζ Η Κ L R J Κ Ε S Ν Ρ J Ε U G 0 J Ε Ι Ν V D L Ν L D 0 D Ε Υ D K Χ Μ Τ R Μ Ε S Ρ Α G V Ι Υ U D Ν Τ D Α L Ζ V R Χ C Α D Ε Ε G Υ G R S G В Ε Χ В Ε Η Τ Ε 0 Ρ Μ Η W 0 0 В U Ζ D D Υ Ι W В Η Μ Ζ W 0 Α Ρ D Ι G U 0 R W Α Ρ W L S L Ε В L Η Ν Α G Ν W Ν Κ Α Ζ Ζ P S Ε Α L Ζ Τ Ι P V Τ Ε 0 L F W L Ε L С Ν W Υ J Χ Ζ Μ Ε Ν Κ Ε Υ F Ε Τ Ρ R W D 0 Т Α Ε Χ С Q С F Η Y Q Η R 0 G G Χ Ρ

- Dig
- Donkey
- Seeds
- Oxen
- Sickle
- Plant
- Plow
- Inundation
- Nile

- Crops
- Goose
- Season
- Wheat
- Weed
- Sun
- River
- Water

Bake Like an Egyptian

Date Balls

This recipe uses both dates and honey to create a delicacy fit for a wealthy Egyptian noble. This rare recipe dates from around 1600 BCE and was discovered on a piece of ostraca, a shard of pottery used for writing by scribes.

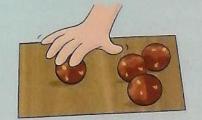
You will need:

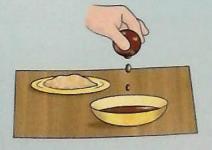
3 tablespoons honey 1½ cup (200g) fresh dates 1 teaspoon cinnamon 11/4 cup (100g) ground walnuts A small bowl of ground almonds

Makes about 22 balls

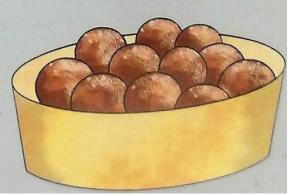
1. Pour the honey into a small pan. On low heat, warm the honey without letting it boil. Remove from the heat.

- Crush the dates with your hands or a spoon, and add some water to make a really thick paste.
- 3. Add the cinnamon and walnuts and mix.
- 4. Form small balls from the mixture about 1 inch (2.5cm) in diameter.





5. Coat each ball in the warm honey and roll in the dish of almonds to cover. Serve immediately.



Eesh Baladi Egyptian Bread Recipe

Ingredients:

1/2 teaspoon active dry yeast 2 cups all-purpose flour 1 cup warm water

2 tablespoons olive oil 1 tablespoon honey

1/2 teaspoon salt



also use a mixer with a hook attachment. surface and knead out onto a floured 2. Turn the dough by hand. You can





minutes. Eesh Balad 4. Place dough on a greased baking pan look like pita bread light colored lightly Egyptian Bread wil golden about 20 and bake until



reast in a large bowl

water, honey, and

.25°F. Stir warm

. Preheat oven to

Directions:

and salt dough sound is slightly sticky when ou are done mixing.

minutes. Add flour

et stand about 5



Questions to ask your child when reading.

Where there is a blank, ask the child something about that page e.g. why is this character important?

Structure and meaning questions:

- What is this book/ story about?
- Is this a fact or opinion?
- Give one reason...
- Why does the author use...?
- Why has this information been presented this way and why?
- What does this word tell you?
- What does ____ mean?

Comprehension questions:

- Why is _____ important for the story?
- What happened at this point?
- Describe _____.
- What did you find out from the story?
- What happened on page ____?

Summarising the text:

- In 3 sentences, summarise the page you have read.
- In 4 points, summarise the main plot of the text.

Inference questions:

- Why do you think the author used this language?
- How did _____ ?
- Why did____?
- How do you know_____?
- Predict what is going to happen next.
- How can you tell _____?
- Find one word which tells you____.

Language for effect:

- Why did the author use this word?
- What words tell you how the character was feeling?
- On page____, it says____. How does this language affect the reader?
- Explain the effect of this word ____
 in a sentence.

Themes and traditions:

- What is the main idea of the story?
- What is the main purpose of the text?
- How is this text similar to____?
- What features do this text have?



Howard Carter's Diary An Extract from

4th November 1922

- After the discovery of the first step, we exposed fifteen more steps leading down to an ancient doorway, still sealed
 - after all these years. The name on the door was clear:
- Tutankhamen. They say this tomb is cursed; they say that
- the ancient pharaoh threatened anyone who disturbed his peace in the afterlife but that will not stop me. For five years we have been digging through the inhospitable desert and I
- am finally about to make the most important
- discovery of my life. At last, I
- will be the one to unearth the final resting place of Egypt's
 - youngest pharaoh. It 102
- will be filled with pedond treasures 108
 - anyone's wildest
- dreams.





1. In what year was this text written?



evidence from the text to support your answer. 2. Do you think Howard Carter was scared? Use



Sum up the main points of this extract in 20 words or less.



What do you think happened next?

Friendly Felines

- Cats were considered to be sacred, or holy, in ancient
- Egyptian society and helped humans just as much as
- humans helped them.
- The ancient Egyptians were skilled farmers and grew many
- crops, such as wheat and grains, in the nutrient-rich soil
- close to the River Nile. However, the wheat would attract
- mice, rats and snakes, which
- were dangerous to humans.
- To solve this problem, the 9
 - ancient Egyptians would leave food, such as fish heads, 89
- outside to tempt cats to visit.
- When the cats came, they ate
- the food and scared away any vermin around the food stores.
- After a short amount of time,
- house and lived happily with cats were welcomed into the
 - their human friends.



Quick Questions



1. Find and copy two adjectives which show that Egyptians thought that cats were special



2. What is the main point of the third paragraph?

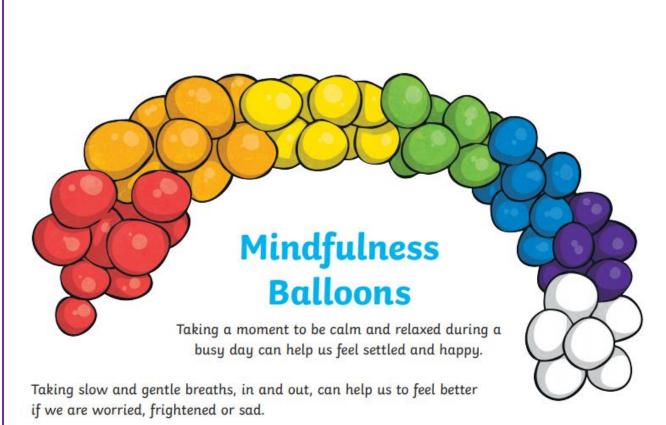


3. What does 'nutrient-rich' tell you about the soil close to the River Nile?



4. Where in this text can I find information about the types of crop grown by ancient Egyptians?



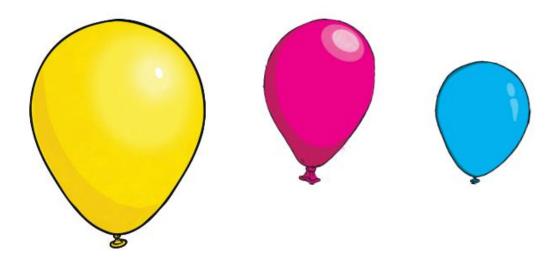


Imagine you are blowing up a balloon – take a gentle, deep breath in and slowly breathe out to fill up your imaginary balloon. Tie a knot in the end and tie on a string.

As you hold on to the balloon, watch it flying high in the sky. As it gently blows in the warm breeze, just watch it. As you watch it, think of something that makes you happy.

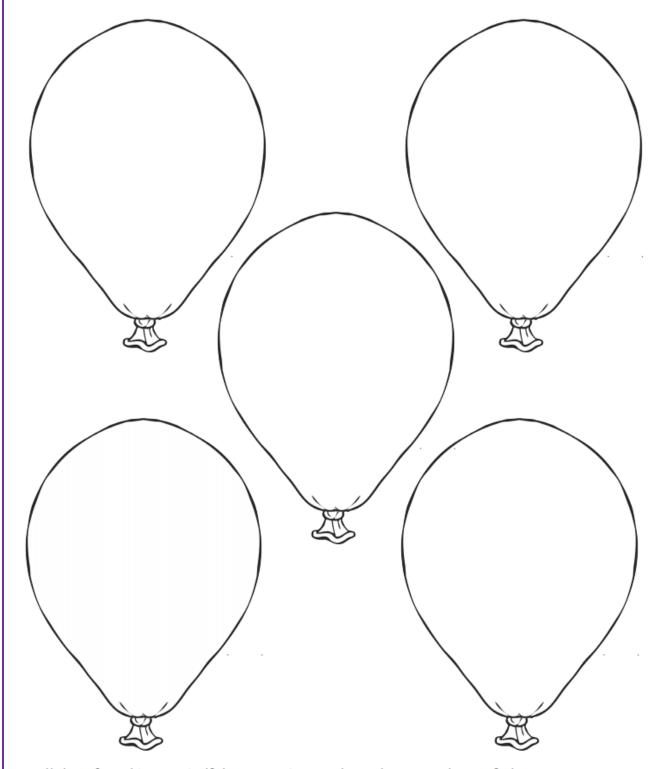
Blow up some more balloons and think of some more things that make you happy. Enjoy feeling calm and relaxed.

Thinking of things that make us happy can help us to have a positive day. It is a good way of looking after our mental health and wellbeing too!



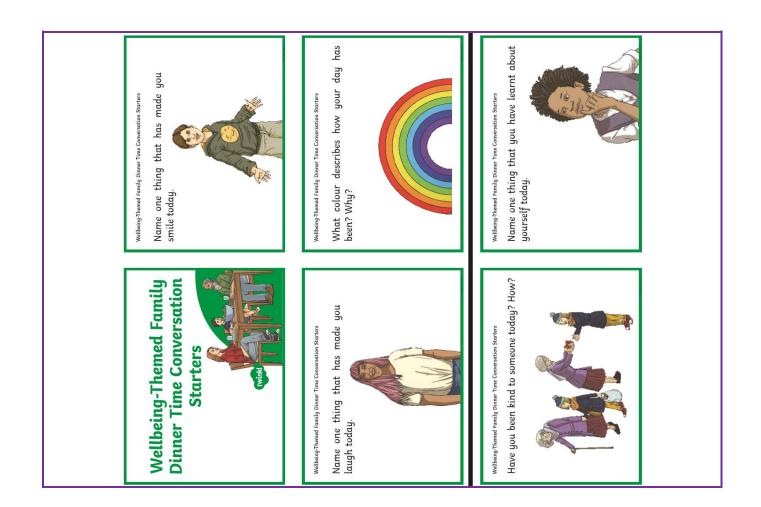
Mindfulness Balloons

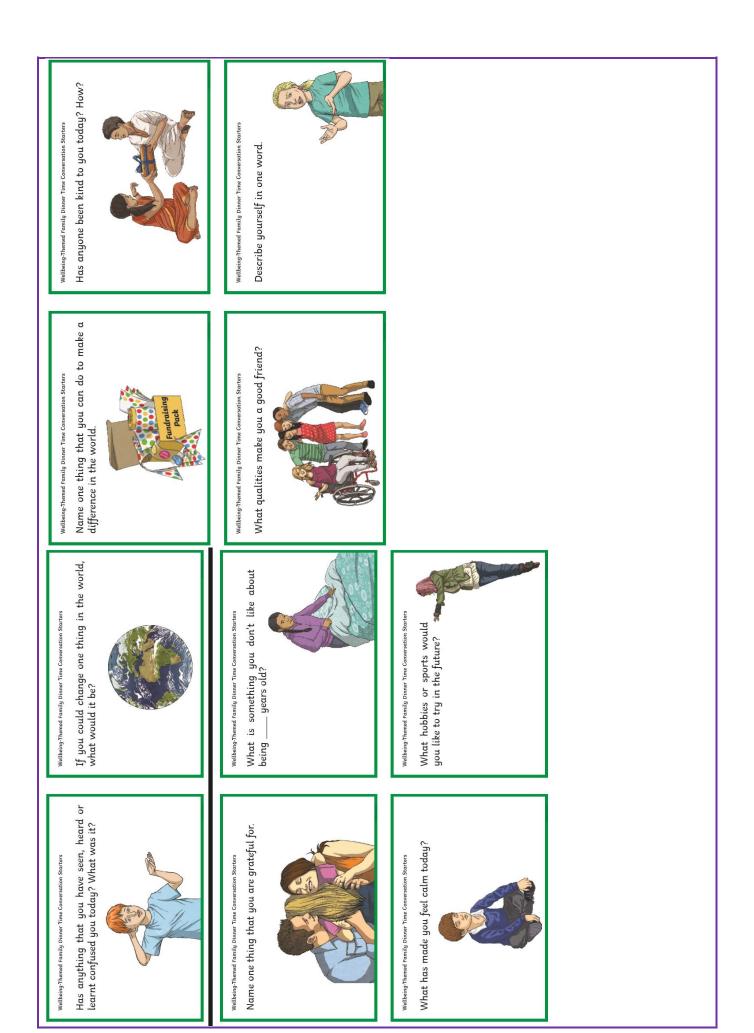
On the balloons below, draw or write the things you thought about that make you happy.

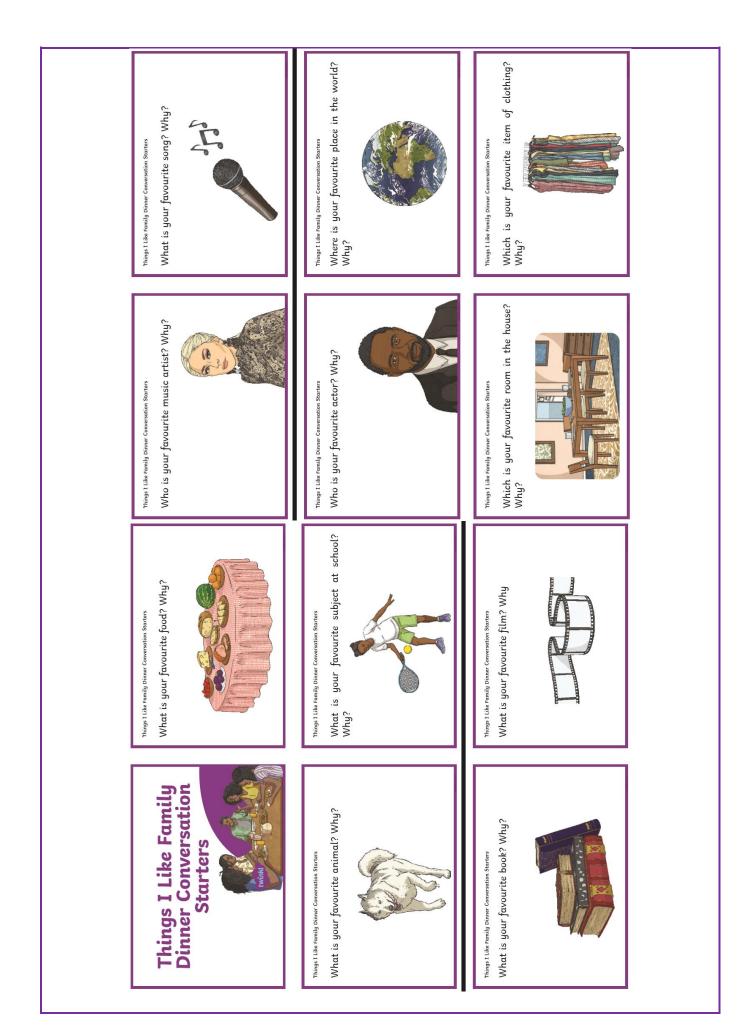


Well done for taking a mindful moment in your busy day! How do you feel?

What is the furniest jobe you know? What is the furniest jobe you how? What is the best thing about being your perfect day. What is the best thing about being some of the being your perfect day. What is the best thing about anything that has known the being some concerned better that the best hopered foday? What is the best thing about anything that has known the being some properties of the best has been anything that has happened today?









Sun Burst Weaving Craft Activity

You will need:

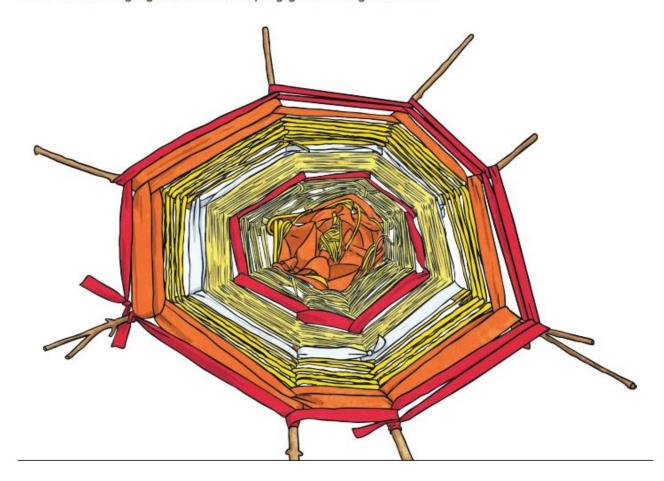
4 twigs of equal length. How large or small you make your sun burst is up to you!

Materials for weaving like wool, ribbon, material, string, thread - whatever you think will work! Choose sunny colours like red, pink, yellow and orange.

Thin wire to fix your twigs together.

What you have to do:

- 1. Place your twigs in a star shape.
- 2. Fix the centre securely with wire. The twigs should not move when you are weaving.
- 3. Start weaving your materials in and out around the twigs. Start at the centre and tie a knot to secure the material.
- 4. Continue weaving and watch your sunburst grow until it is the size you want.
- 5. You can then trim the twigs if you want to.
- 6. Make a hanging thread and display your Sunny Sun Burst.



Resource

Read through each of the young people's experiences of lockdown. Do you agree with any of them or do you have any advice for anyone?

really missed my parents. They are both keyworkers, so I

went to live with my Grandparents. I love my Grandparents and they are really kind, but I have missed

being in my own home with my own family. I didn't do much schoolwork as the internet is pretty rubbish, but I did play out in the garden lots. I spoke to my parents every

day on the phone.

I carried on going to school throughout lockdown, which was very strange at first. There weren't many of us in school and none of my friends were there. We had to continue to be careful with handwashing and try to social distance – some of the younger children found this hard!

Most days were quite fun as we did lots of project-based tasks and I made some new friends.

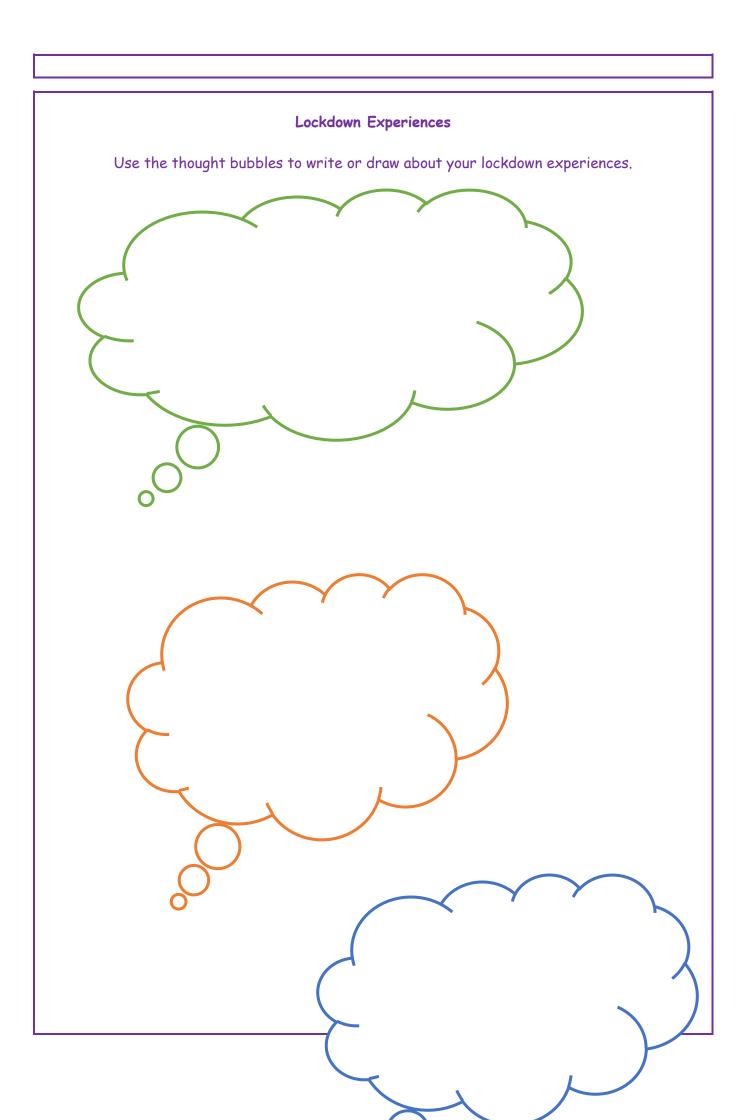
I did feel a bit jealous of all the children in my year who weren't having to come to school though!

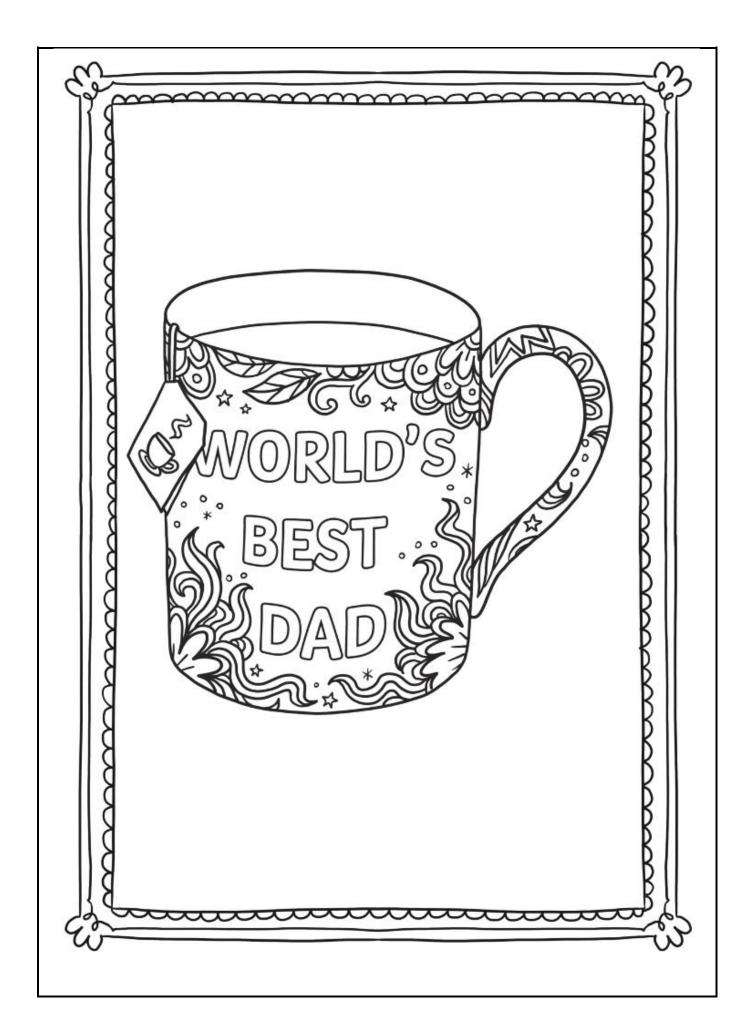
Rosie, Age 9

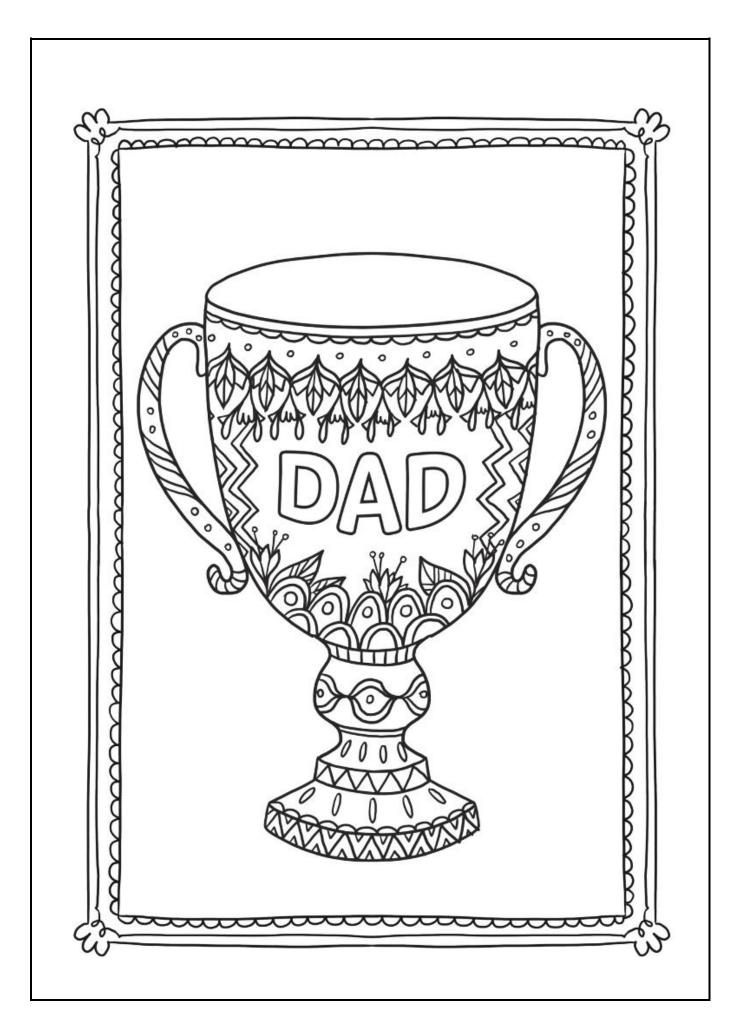
My experience of lockdown has been fairly good. I spent a couple of hours doing schoolwork, which my dad helped me with as he had been furloughed. Mum worked in the morning but then we all went out for our daily exercise in the afternoon and came back and made crafts and played in the garden. Some days I missed my friends but most days I felt happy.

Jack, Age 10

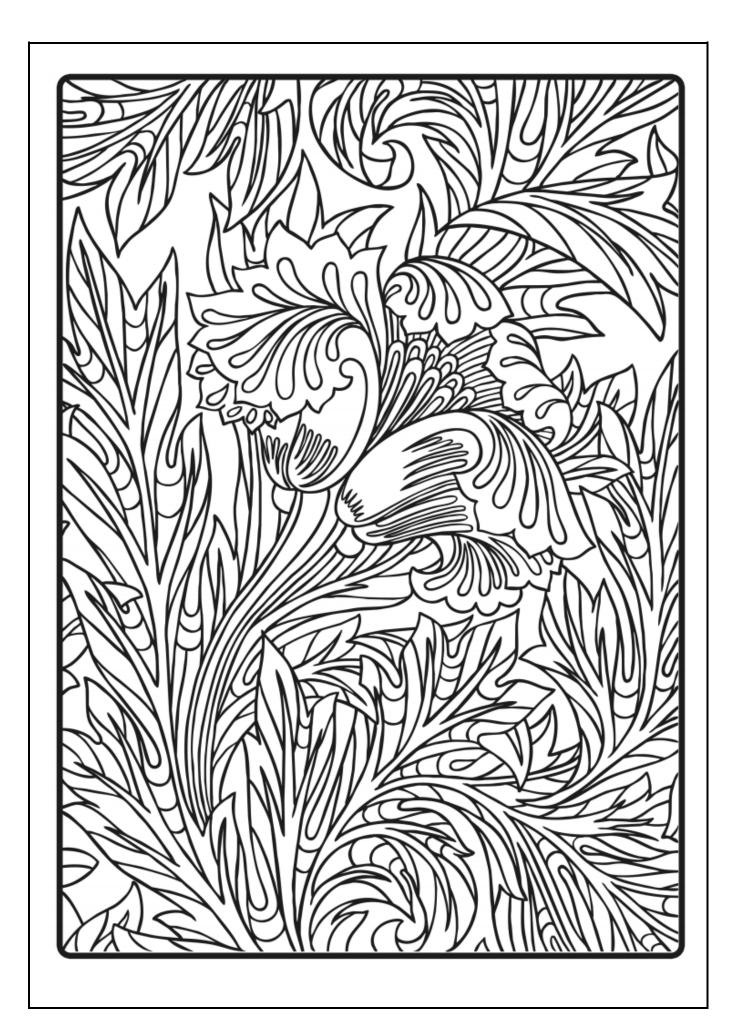
Kate, Age 11













SIMON SAYS FITNESS DISGUISED AS FUN

Get your kids moving by playing Simon Says with these fun yet physical activities.

You decide when or if you say "Simon Says"!

Shake your whole body.

Jump up and down.

Spin around in circles.

Do a cartwheel.

Do a somersault.

Wave your arms above your head.

Walk like a bear on all 4s.

Walk like a crab.

Hop like a frog.

Walk on your knees.

Lay on your back & pedal your legs in the air like you are on a bike.

Pretend to sit in an invisible chair 5 times - sit then stand, sit then stand, etc.

Hold your arms out at your side and make circles with them in the air.

Hop on your left foot 10 times.

Hop on your right foot 10 times.

Hop around like a bunny.

Balance on your left foot for a count of 10.

Balance on your right foot for a count of 10.

Bend down and touch your toes 10 times.

Reach behind you and try and hold your right foot with your left hand without falling over.

Show off the muscles in your arms.

Reach behind you and try and hold your left foot with your right hand without falling over.

Lay on the floor and stretch out as far you can for 10 a count of 10.

Pretend to shoot a basketball 10 times.

Pretend to jump rope for a count of 10.

Pretend to ride a horse.

Pretend to milk a cow.

Take 5 of the biggest steps forward that you can.

Pretend to lift a car.

Do the strangest dance you can think of.

Scream.











What's your name?

Spell your name and do the activity listed for each letter. You can also spell your middle name, your pet's name, your favorite character's name, or try different words.

A Spin around in a circle 5 times

B Hop on one foot 5 times then on the other foot

C Jump up & down 10 times

D Run to the nearest door and back

E Do 2 cartwheels

F Do 10 jumping jacks

G Walk like a bear for a count of 10

H Balance on your left foot for a count of 10

I Hop like a frog 5 times

J March like a toy soldier for a count of 10

K Balance on your right food for a count of 10

L Pretend to jump rope for a count of 20

M Do 2 somersaults

N Walk backwards 25 steps

O Walk sideways 25 steps

P Pick up a ball without your hands

Q Crawl like a crab for a count of 10

R Touch your toes 25 times

S Roll a ball using only your head

T Pretend to pedal a bike with your hands for a count of 20

U Flap your arms like a bird 25 times

V Reach for the clouds for a count of 15

W Walk on your knees for a count of 10

X Do 10 push-ups

Y Pretend to ride a horse for a count of 20

Z Do 25 jumping jacks





Conjunctions

What is a conjunction? A conjunction is a word which links two or more ideas in a sentence. For example, you can use conjunctions to extend a sentence to explain:

- when something happened I woke up when my alarm clock went off.
- why something happened I put sun cream on my arms because the weather was very hot.
- where something happened I was reading in my back garden.

Sometimes the conjunction can be used to start the sentence - \mathbf{When} my alarm clock went off, I woke up.

Look at the paragraph (1) on the next page. Can you highlight or underline where the author has used conjunctions to join ideas.	Can you write 6 sentences using conjunctions to explain when something happened?	Can you write 6 sentences using conjunctions to explain why something happened?	Look at a book, magazine or newspaper. Can you find six examples where the writer has used a conjunction to explain where something has happened.	Look at the table (2) below - can you match the sentence to the missing conjunction correctly?
--	--	---	---	--

(1) The wind rustled the leaves on the trees as I walked through the forest. When the clouds started to turn grey I knew we were in for a shower. I took out my raincoat which was inside my backpack and quickly put it on. As the sky got darker the first raindrops started pattering onto the floor. It was quite sheltered under the tall, spreading trees and I didn't get very wet.

(2)

SO	although	if	to	when	until
We use our molar teeth chew our food.	You don't need to wear armbands you have learned to swim.	I sheltered under a tree the rain stopped.	My dad put stabilisers on my bike that I felt safe when I was learning	I took my coat with methe sun was out.	Jane baked a cake for her Dad it was Father's Day.
			to ride.		



Here are your spellings for the next two weeks:

earth	learn	early	rehears	e searc	h heard	
haliava	naliawad	mal	iof h	oliof no.	ation Iollian	

Choose one task to do each day - you could colour in the box when you have finished.

			,	
There are two repeating spelling patterns this week. Try writing out your spellings using a different colour for the pattern which repeats, 'ear' and 'ie'.	'relieved' means when you were worrying about something and then you felt better. For example: "I thought I'd lost my coat, so I felt relieved when I found it." Can you write four sentences describing a time when you felt relieved.	The 'ie' ending is used to create plurals for nouns that end in 'y'. Example: I had a party for my birthday. My auntie had two parties for her wedding. Can you write the plurals that go with these nouns: daisy, baby, lorry, lady, enemy, poppy, story, sky	Our spellings this week use the 'ear' spelling pattern to make the 'er' sound. How many words can you write down to rhyme with the word learn? (Try using a different spelling pattern for the sound - you could try 'er' or 'ur')	Can you link 6 words together using shared letters to create your own crossword - it might be easier to use squared paper for this, one letter per box?
If you believe something, it means you think that it is true. Write four sentences telling me about the beliefs that you have.	Can you spell your spellings out using the letter names (not sounds)? Get an adult to listen and check that they are right.	Look at all the 'ear' words. Can you write one sentence for each one. Try and include one of the conjunctions below in each sentence. with to because so if although	Can you use these prefixes and suffixes to list all the words in the word family for 'believe' unable -ing -ed dis-	Ask someone in the house to test you on your spellings - record your score and see if you can improve it next time!



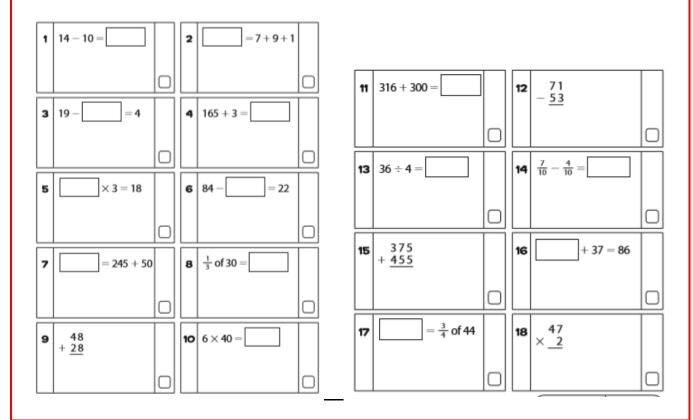
Marvellous Maths!

There are 10 tasks to do, one for each weekday of the next two weeks. You can choose where you want to start. Why not colour in the stars each time you complete a task.

Mental Maths

Here are two mental maths tests to have a go at. The second one is a little more tricky. Choose the one that you feel most confident with to have a go at.

A little easier



A little harder



- 1 5 ÷ 1 =
- 2 $\frac{1}{3}$ of 18 =
- = 120 × 0
- 4 68×1=
- **5** $\frac{3}{10} + \frac{6}{10} =$
- 6 6×3=
- 7 = 70 × 2
- 8 8 × 9 =
- 9 242 = 542 -
- 10 450 ÷ 9 =
- 11 61 - 46
- = 30 ÷ 6
- 13 + 576 + 267
- 14 6×7×5=

15 + 45 + 76

- **16** 652 = 355
- + 46 = 94
- **19** 6 9 0
- 20 + 3 7 5 2 + 2 6 5 4
- 21 95 ÷ = 5
- $\begin{bmatrix} 22 \\ -\frac{6742}{3855} \end{bmatrix}$



Calendar Calculation

30 days hath September, April, June and November.
All the rest have 31,
Excepting February alone,
And that has 28 days clear,
And 29 in each leap year.

Do you know this rhyme? It's a really useful one to learn to remember how many days in each month. Can you use it to help work out the answer to the following questions? Use whatever method you like, column addition, mental maths, drawing - whatever works for you! I've done the first one as an example.

Example: My son has his 16th birthday on August 2nd. How many days till he is 16?

So my workings would be:

- It's the 15th of June today, so there are 30 takeaway 15 days left in June, so that's 15.
- The next month is July, that has 31 days.
- Then there will be one day in August till his birthday.
- 15 + 31 + 1 = 47 days!
- (1) School closed on the 20th March. How many days have we been in lockdown?
- (2) If (It's a big **IF**, but I really hope so!) school re-opened on September 1st, how many days would it be till we go back?
- (3) If you were at home for the whole of July and August how many days would that be?
- (4) James went travelling to New Zealand for three whole months. He was away for 91 days. Which 3 months could he have been away?



Can you use your times table knowledge to complete this multiplication grid. You'll notice that some of the answers are repeated, because multiplication is commutative.

This just means if you swap the order of the numbers in a multiplication calculation, you get the same answer.

So $2 \times 3 = 6$, and $3 \times 2 = 6$.

Knowing this will help you to fill it in much more quickly!

X	1	2	3	4	5	6	7	8	9	10	11	12
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

Cookie Counting



Ingredients

150g butter, softened 80g caster sugar 110g light brown or demerara sugar 225g plain flour



- 2 egg yolks
- $\frac{1}{4}$ tsp bicarbonate of soda
- $\frac{1}{2}$ tsp baking powder

200g chocolate, chopped into small pieces - whatever kind is your favourite! I've tried it with smarties, or chocolate oranges or chopped up dairy milk.

Believe it or not, there's a lot of maths involved in baking! You often have to double or halve the quantities. This recipe makes about 12 cookies, but I usually make more because everyone loves them in my house.

Task: Can you rewrite the ingredients list so that everything is doubled. I've put the method below in case you want to have a go.

Set your oven to 170 degrees fan and line 2 baking trays with greaseproof paper.

Cream together the butter and sugars until combined.

Add in the egg yolks and continue to mix.

In a separate bowl mix together the flour, baking powder and bicarbonate of soda.

Add half the flour mixture to the butter mixture and stir in. When this is all mixed in add the other half.

Make the mixture into small balls (about the size of a pingpong ball) and position on the tray, 12 on each.

Slightly flatten each ball with two fingers

Press a few pieces of chocolate into the middle of each ball, then roll into a ball shape again so that the chocolate is covered up.

Bake for about 14 minutes in the oven.

Meticulous Measuring



We usually measure length in metres and centimetres. But! I know you won't all have a ruler or tape measure at home so for this task, I want you to think of your own unit of measure.

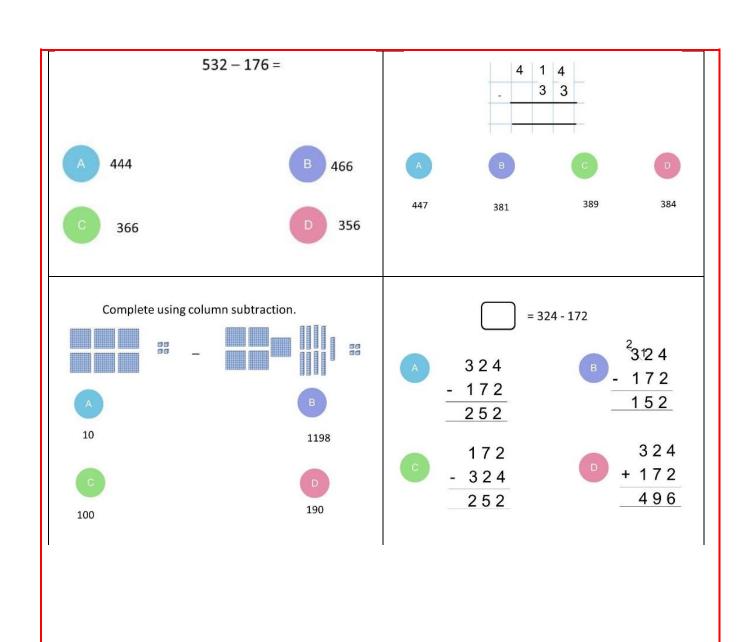
You could use: a shoe, a water bottle, a dvd case, a piece of cutlery,....or whatever you like! Think about what abbreviation you will use for your unit of measure (centimetres are written as 'cm'). I wouldn't use anything too small, or you'll lose count.

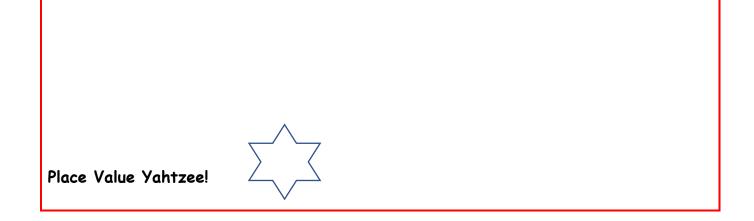
Then I want you to use your chosen unit of measure to measure some different things around your house - I've started you off with some ideas. Record your data by completing the table below. Have fun and be creative with what you choose.

Unit of measure =	

ength of your bedroom		
deight of someone in your house		
leight of your kitchen table		
Width of your bed		
	•	

Subtraction Practice
Remember to explain your thinking by completing these two sentences after each question.
is right because
is wrong because





Place value score card	3 digit number	Place value score card	3 digit number
Number with 5 in hundreds place		Number with 5 in hundreds place	
Number with 3 in ones place		Number with 3 in ones place	
Number with 1 in tens place		Number with 1 in tens place	
Number whose digits add up to 10		Number whose digits add up to 10	
Number with 2 of the same digits		Number with 2 of the same digits	
Number with 2 in hundreds place		Number with 2 in hundreds place	
Number with 4 in tens place		Number with 4 in tens place	
hen it is player 2's turn to do the sar	ne thing.		
	_	numbers. Whoever has the biggest number	er wins the point.
he player with the most points wins			



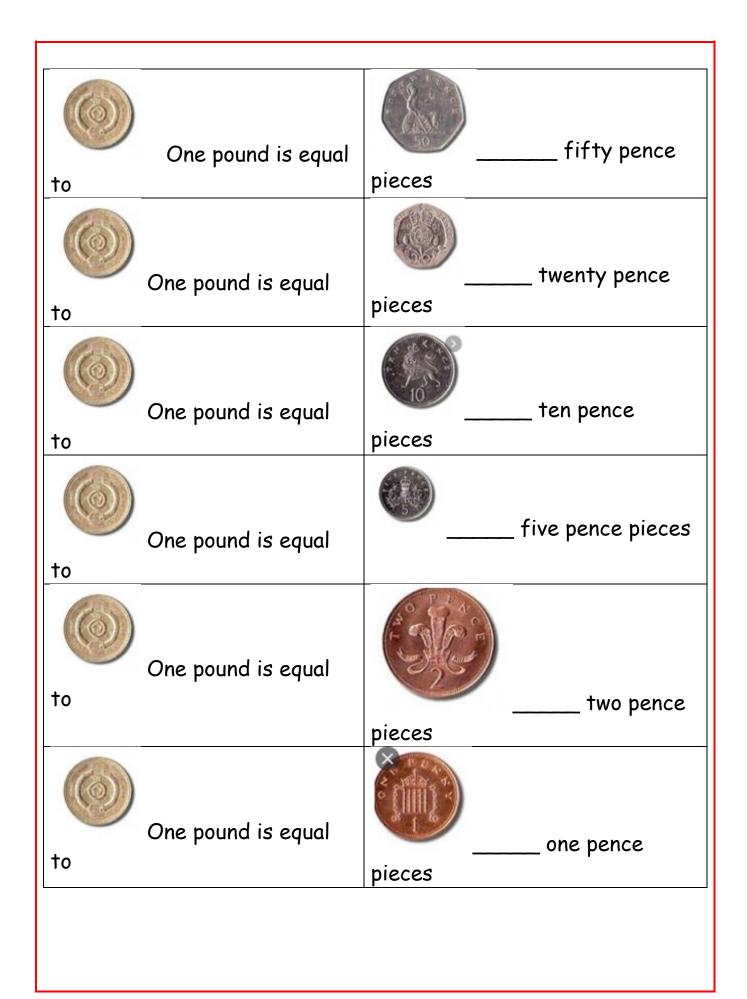




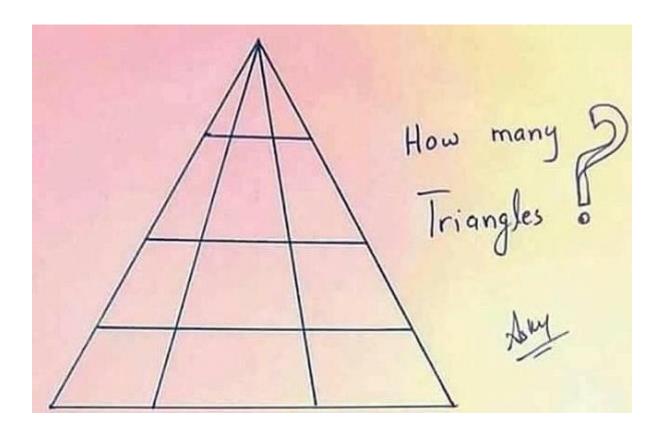
Look at the coins in the picture. The number on the coins at the bottom shows how many pennies each one is worth.

The pound coin has no number - it is worth 100 pennies or 1 pound.

The two pound coin has this written in words at the top - it is worth 200 pennies or 2 pounds. Can you complete the table by comparing the coins?



Shape puzzle



Answer in the next pack.......Can you draw your own triangle puzzle?

Morning maths



- 1. Add 87 to 810.
- 2. What is the difference between 92 and 115?
- 3. Jane says if you add an even number to an odd number your answer will always be even. Shaun says the answer will always be odd. Can you explain why Shaun is right? Try drawing some pictures to help with your explanation.
- 4. Mrs. Townend has ordered 20 packs of 8 books for year 6. If there are 3 classes with 35 children each, will she have enough books?

0 ШИ O Ш 0 9 00 m 2 × 4 × × 83 2 THATT 2 2 = 9 × 7 O 0 2 × 8 0 œ 28 × 89 23 9 3 四分四 3 x 5 = I 6 × 3 x 6 S × **CHAPTE** 2 ത THE 60 22 M 0 M 0 II 2 x 3 -7 9 × × 83 × B 2 S 2 18 00 M = 6 × 7 2 2 × 4 5 × 5 × 4 20 19 6

2, 3, 4 and 5 Times Tables Snakes and Ladders

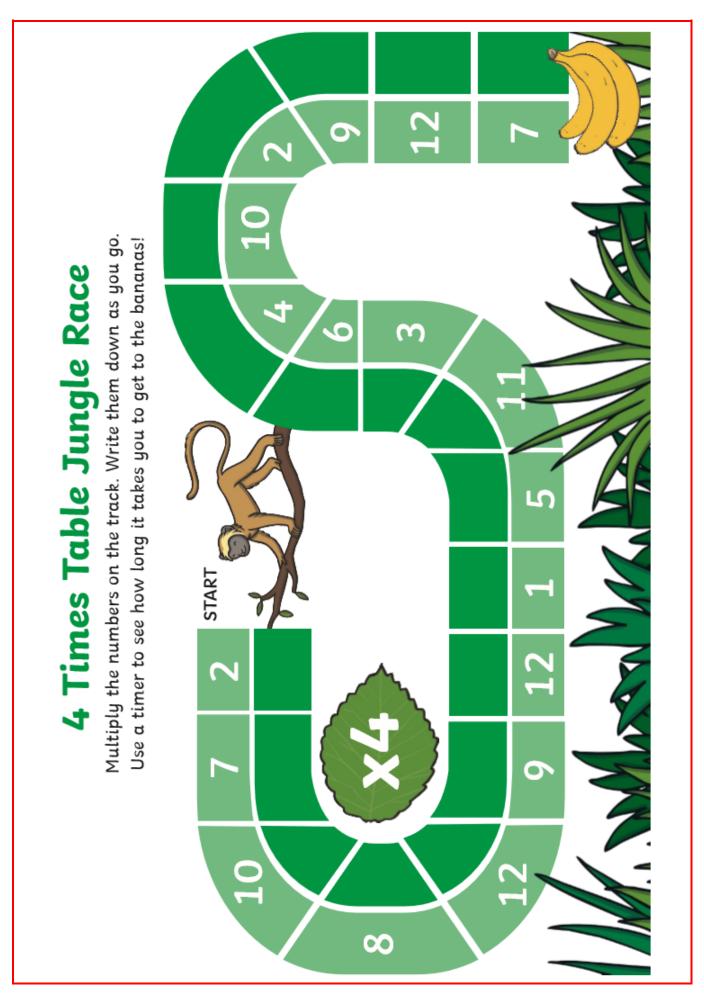
You will need:

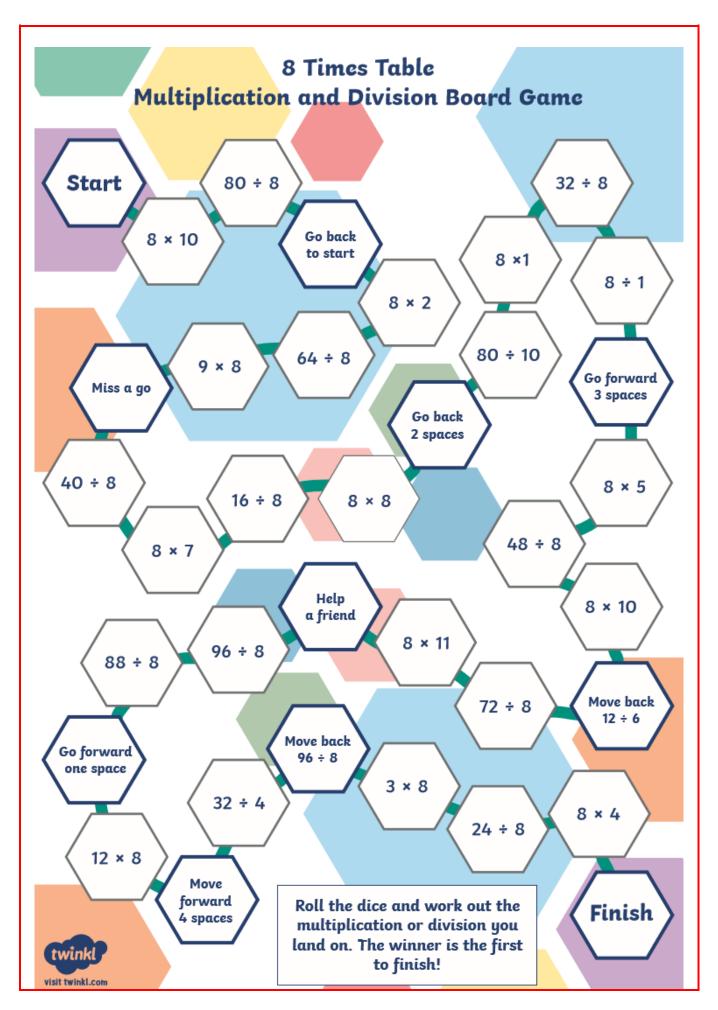
Board Game; and Ladders · the Snakes

- a dice;
- per player. a counter

How to play:

- 1. Players take it in turns to roll the dice. goes first, the player with the second The player with the highest number highest goes second and so on.
- When it's their turn, players move the counter the number of spaces shown on the dice and answer the calculation they land on. 5
- If the answer given to the calculation is correct, play continues as usual: m
 - landing on a snake's head the player's counter slides down;
- landing at the bottom of a ladder - the player's counter climbs up.
- If the answer given to the calculation is incorrect, the player misses a go. 4
 - The first player to reach the finish is the winner! 5

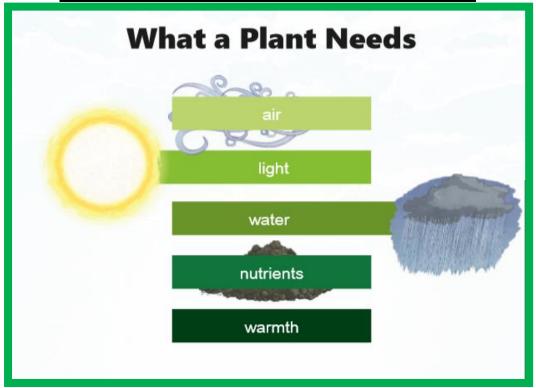












What Parts of a Plant Do

The leaves use a process called photosynthesis to produce food for the plant. They use light, water and carbon dioxide to do this.

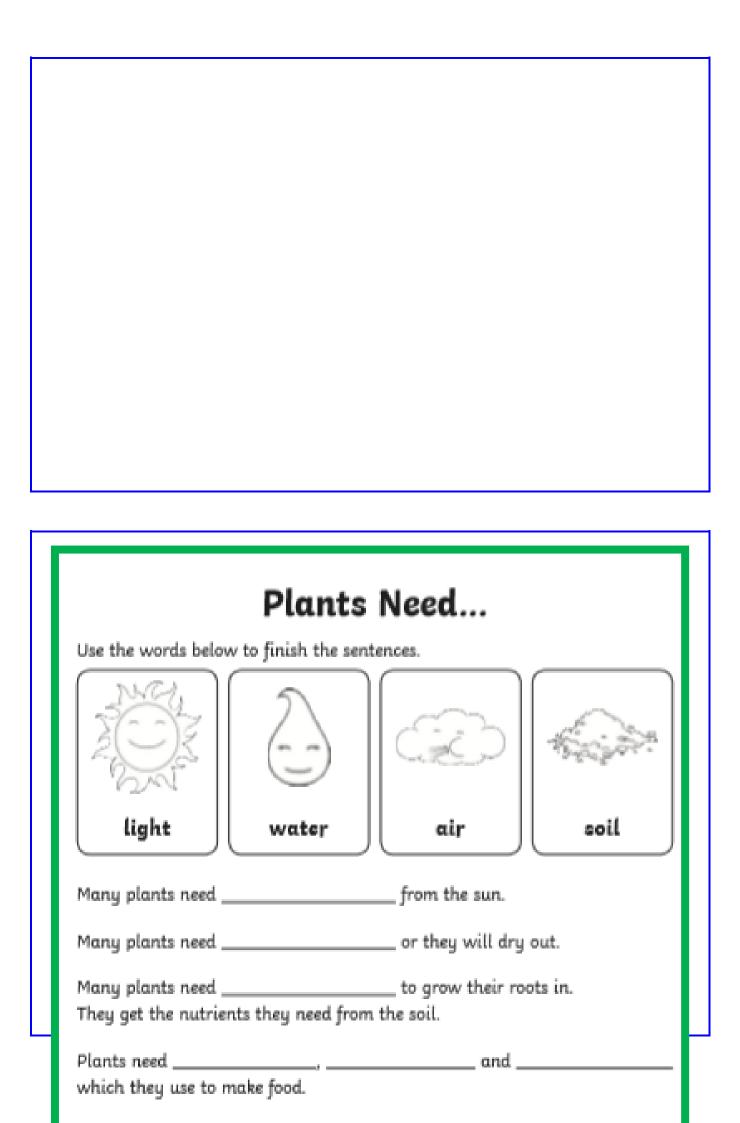


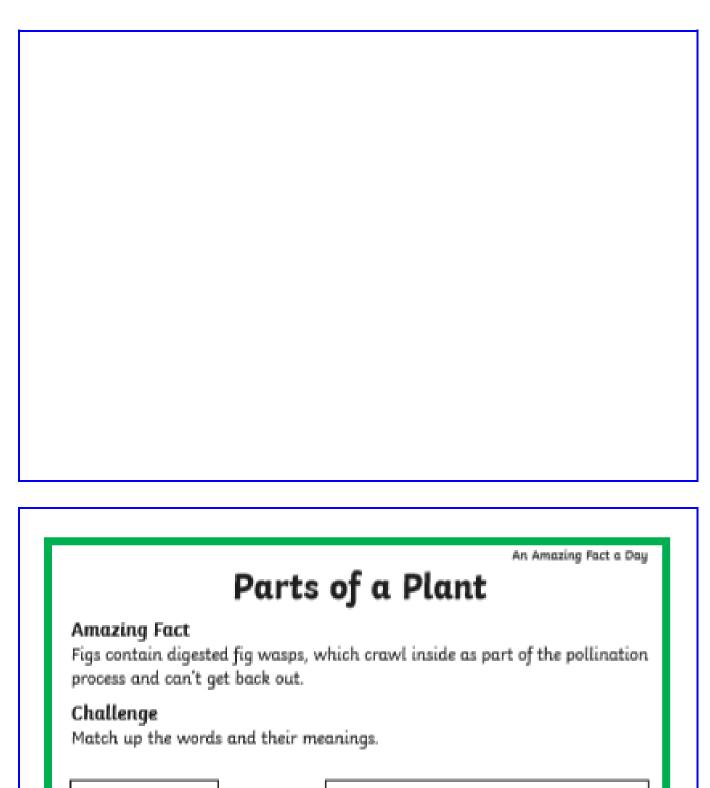
The **stem**transports water
and nutrients to all
parts of the plant.

The **roots** take up water and nutrients from the soil. They also keep the plant in the ground.

Why Does it Need Them?

- · If a seed is not warm enough, it will not germinate
- · Germination is when the seed starts to sprout in to a plant
- If a plant does not have enough light, it will grow to be tall and





petals

leaves

stem.

roots

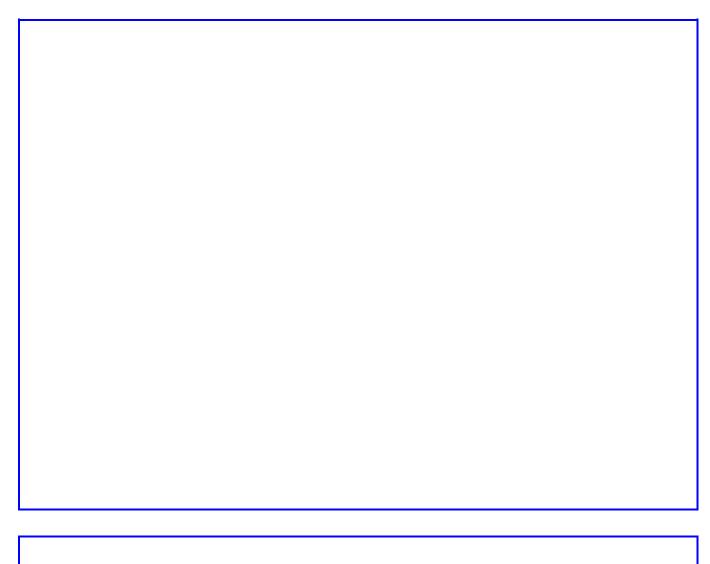
releases pollen which brushes onto insects when they land on a flower

absorb water and minerals from the soil

attract insects and birds to the plant

make food for the plant from CO2 and sunlight

Plants that Grow Well twink
Name: Date:
In the boxes below draw a plant that is healthy and growing well and in the other box one that is not growing well. Think about what the role of the roots, stem and leaves are.
A plant growing well A plant not growing well

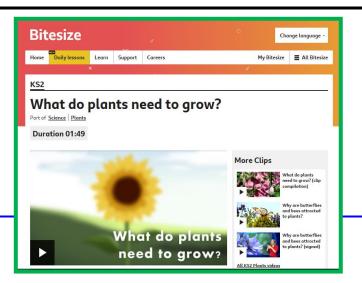


Online science Learn more about plants by visiting these sites

www.bbc.co.uk > bitesize > clips *

What do plants need to grow? - KS2 Science - BBC Bitesize

An animation that shows how plants need water, light, warmth, air and time to grow well.



www.bbc.co.uk > bitesize > topics > articles

What are the requirements for plant growth? - BBC Bitesize

A healthy plant is usually upright with green leaves. Plants need air, light, warmth, water and nutrients to be healthy. If a plant doesn ...



YEAR 3 NEEDS OF A PLANT

She has found some weeds in the

flowerbed.



DEEPENING UNDERSTANDING SCIENCE DEPTH TASKS

REASONING 4

Ranjit says...

drinking straws. Stems are like

REASONING 5

the grass much more in summer.



Anita is in her garden.

REASONING 6

Jerry has noticed that he has to cut



Predict what will happen to the other plants in her garden.

Why does the grass need to be cut much more in the summer?

What do you think Ranjit means?



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Recognising Plant Structures - Vocab 2

Can you use the simple clues below to find plant related words in the word search?

What is the name for the part of the plant which attracts insects?	This part of the plant finds and absorbs the water in the soil.	This is the middle of a plant. It transports the water and food.
What do insects carry to help the plant make seeds?	What does a plant need to live that is found in the ground?	What can you use instead of soil which is full of goodness?

r	t	р	r	h	m	b	f	w	i
f	ι	0	w	e	r	r	o	a	m
n	s	ι	s	d	О	d	С	t	О
r	е	l	f	s	0	g	0	g	t
е	m	e	С	s	t	e	m	r	а
l	j	n	С	h	f	h	р	р	m
k	w	r	s	u	s	n	o	h	y
i	n	е	r	a	у	d	s	0	р
0	0	d	u	d	w	a	t	е	r



Design Your Own Flower

Outdoor or Indoor Activity

You will need:

A selection of flowers or pictures of flowers

A magnifying glass

The 'My Flower Design' sheet

Lots of imagination!

The Activity

- 1. Look at some different flowers. You could collect some wild flowers on a walk or look in your own garden. Make sure you only take one flower from each plant, or, better still, pick up a flower that has fallen to the ground. Another good idea is to buy a bunch of mixed flowers from a florist or the supermarket. If you can't get hold of fresh flowers, look at pictures in a book or online.
- Once you get home, put your flowers onto a couple of sheets of wet kitchen roll in a container. This will keep them fresher for longer. Or if they have long stalks, you could put them in a vase or jug of water.
- 3. Look at all your flowers closely and choose 5 or 6 that are your favourites. Look at them closely with your magnifying glass. Think about the following things:
 - · What colour are they?
 - · How many petals do they have?
 - · What shape are the petals?
 - · What are their leaves like?
 - · Do they have a scent? What is it like?
 - · Are the flowers big or small?
 - · How do the flowers feel when you touch them?
- 4. Now, use the ideas you have from looking at the flowers to design your own flower. Think about its colour, shape and size, and what its leaves are like. Use coloured pens or pencils to make it look exactly how you want it to. Don't forget to give it a name!



My Flower Design Flower's Name: _____ Colours Scent Where It Is Found Other Information Petals and Leaves