Year 2 home learning pack- Maths

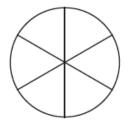
Arithmetic

$$\frac{1}{3}$$
 of 12 =

$$\frac{3}{4}$$
 of 40 =

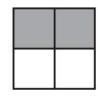
Fractions

a) Colour $\frac{1}{2}$ of this shape:



b) Colour $\frac{1}{3}$ of this shape:

c) What fraction of these shapes is shaded?





d) Ali gives $\frac{1}{3}$ of his toy cars to his brother. Put a circle round how many he gives away.













$$\frac{1}{2}$$
 of 18 =

$$\frac{1}{4}$$
 of 16 =

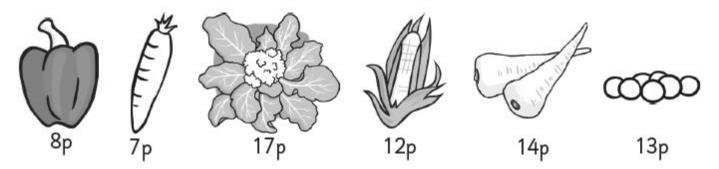
$$\frac{1}{3}$$
 of 15 =

$$\frac{1}{2}$$
 of 22 =

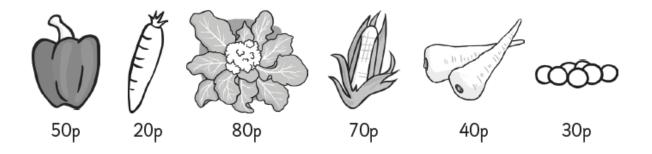
$$\frac{1}{4}$$
 of 24 =

$$\frac{1}{3}$$
 of 12 =

a) Circle 2 vegetables which I can buy for exactly 20p.



b) This shop is more expensive. Circle 2 vegetables I can buy for exactly £1.00.



c) Find the missing numbers.

There are 52 people in the hall and 29 waiting to go in. How many will be in the hall when they have gone in?



Time

Write the time shown on each clock.





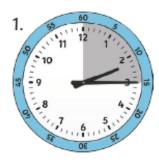


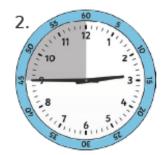


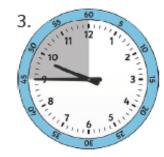


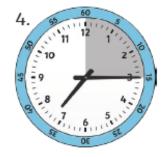


Are these clocks showing quarter to or quarter past?

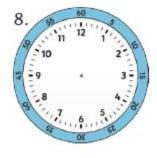




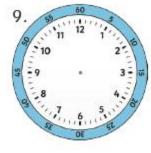




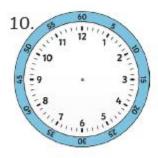
- 5. If the big hand starts at 12, it takes ____ minutes to get to quarter past.
- 6. If the big hand starts at 12, it takes _____ minutes to get to quarter to.
- 7. If the big hand starts at 12, it takes _____ minutes to get to half past.



Quarter to 4



Half past 3



Quarter past 10

Geometry

Write the number of sides each shape has in the boxes below. Then, draw a vertical line of symmetry through each of the shapes.

. Fill in the table	with the proper	ties of the 3D sh	apes.	
Name of shape				
edges				
vertices				
faces				
curved surfaces				
. List any 2D sho	ipes you see on t	he surface of ea	ch of the followi	ng 3D shapes.

Multiplication and division

Write the next five multiples in each row.

Then, circle the odd numbers in red and the even numbers in blue.

0 10 20

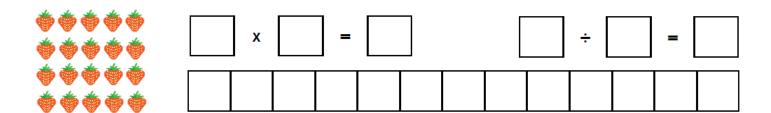
Use the symbols x, \div or = to complete each number sentence.

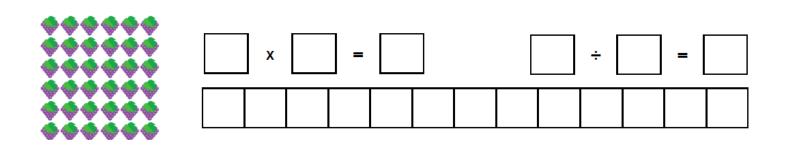
7 5 35 6 2 12

40 2 20 30 10 3

90 10 9 60 5 12

Write a multiplication sentence, a division sentence, and a repeated addition sentence to describe each array.





		43	Largest	43	Largest
		12		19	
Largest		33		25	
rallest to		64		36	
- Ordering Numbers From Smallest to Largest	smallest.	2. 24	Smallest	4.	Smallest
ring Numb	starting with the smallest.	15	Largest	21	Largest
g – Orde		38		28	
Reasoning	rs in orde	41		32	
	se numbe	27		12	
L	Write these numbers in order,	1. 35	Smallest	3.	Smallest

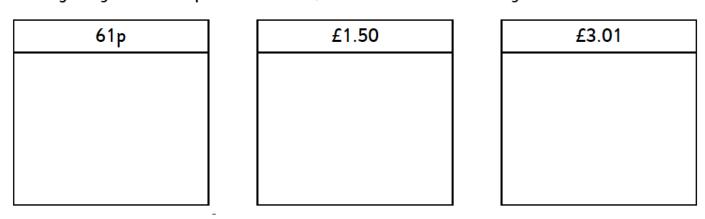
		Digits	413		300		347	359		466
d Words	ords or digits.	Words		two hundred and thirty-nine		one hundred and forty-six			four hundred and seventy	
gits an	rs in w		9.	10.	11.	12.	13.	14.	15.	16.
Numbers in Digits and Words	y writing the number	Digits		135		284	473			192
	Complete the table below by writing the numbers in words or digits.	Words	one hundred and twenty-one		two hundred			four hundred and fifty-four	three hundred and three	
	Com		1.	2.		4	5.	6.	7.	89

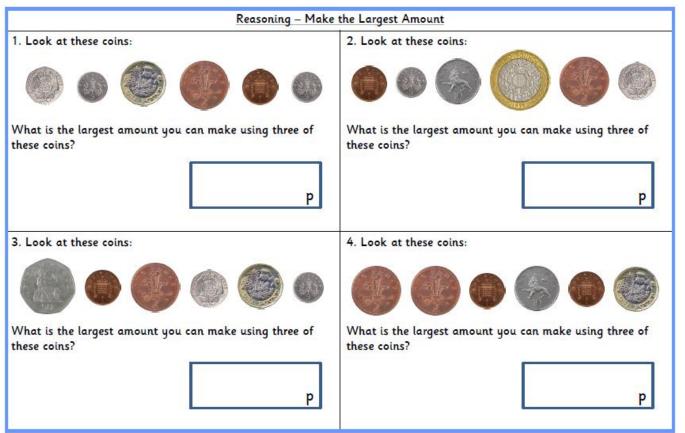
Money

You have the following coins in your piggy bank.



b. Using only the coins pictured above, show two different ways to make:

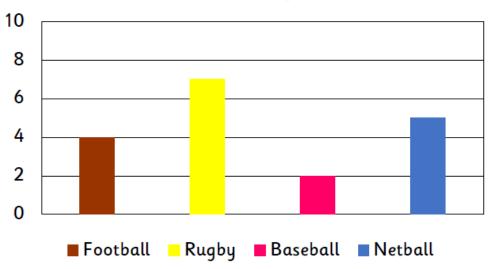




Statistics

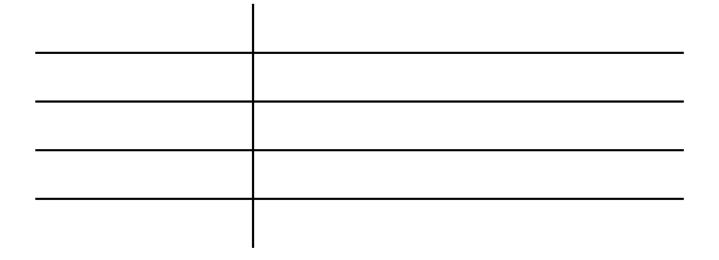
Read the bar chart and answer the questions below.

Favourite Sports



a. V	/hat is the most po	pular sport?			
1	•				
D. V	/hat is the least pop	oular sports			
c. H	ow many people vo	ted in total?			
d. L	ist the four sports f	rom most to lea	st popu	lar.	

e. Fill in the tally chart below to shows the number of votes for each sport.



Year 2 home learning pack- SPaG

stopped

got

Verbs

ate

Complete these sentences using these verbs.

watched

chased

	ran	read	rode	jump	rained	climbed
	flooded	flew	missed	di	isappeared	
1.	The dog	tl	ne cat.			
2.	Rana	for the bus	but she		it o	inyway.
3.	Kuba	a choco	olate ice cre	am.		
4.	I	a scary	film and it	made me		!
5.	The lift	and	l a lot of pe	ople	out	on the fifth floor.
6.	Kareena	her bo	ok and ther	າ	her	bike.
7.	It	_ so much la	st night the	ıt the gar	den was	
8.	It was very	late by the ti	me Jack		into	bed.
9.	The bird	high	ı in the sky	and soon	ı	from sight

Conjunctions



Grammar Man needs your help! He needs to choose the correct conjunction for each sentence below so that they make sense. Please read each sentence carefully and then circle the correct conjunction to help Grammar Man.

You can choose from the following conjunctions: 'when', 'if', 'that' or 'because'.

- Susie would get a gold medal when / if / that / because she could win the race.
- The dog was digging a big hole when / if / that / because he wanted to bury his bone.
- I promised my dad when / if / that / because I would tidy my room.

Please change the sentences from **simple sentences** to **complex sentences** by adding a subordinate clause to the end of each sentence. Use the conjunction at the end of each sentence to help you make a subordinate clause. The first one has been done for you.

1. Sarah got a new bike. because		
Sarah got a new bike because it was her birthday.		
2. John wore the new jumper. that		
3. Jack got a medal. when		
4. The children couldn't play out. because		

Apostrophes for possession

Oh dear! Professor Punctuation has printed a worksheet for her class but the printer is broken... It hasn't printed the apostrophes! Please write out each sentence again with the missing apostrophe.



1. Staceys m	ıum always	bakes a	cake at	the week	zend.

2. In the sea, the sharks fins sliced through the water.

3. Charlies football went over the wall when he kicked it too high!

4. Spains weather can get very hot, especially in summer.

5. The lions roar echoed through the savannah.

Correct the apostrophe mistakes



Professor Punctuation has lots of homework to mark but he doesn't have enough time to complete it all. Please be the teacher by helping him to mark the work. You must cross out the incorrect apostrophes and insert apostrophes for possession. You could use a coloured pen like a teacher when you are marking the work.

The farmers' turnip had grown to a huge 'size! He needed help so' he called for all his friend's. The farmers' friend's all made a line behind him. His' wife held on to the farmers' belt. A boy placed his han'ds around the wifes' waist. Then a girl placed her hands on the boys' yellow T-shirt. Behind the girl, the dogs 'tail swung with excitement as he helped too. Finally, the cats claw's held on to the dogs tail. They all pulled and tugged the farmers turnip. Eventually the huge turnip popped out of the ground. The farmers' smile grew as' he said thank you to all his helpers'.

Question mark, exclamation mark or full stop? a) Would you like to go for a walk b) Sarah went to school c) Be careful FOOTBALL PARTY d) What time does the party start e) I'm so excited f) The bird was singing in the tree 2. Now write your own question for this picture.

Adjectives

Can you think of an adjective for every letter of the alphabet?

a is for	n is for
b is for	o is for
c is for	p is for
d is for	q is for
e is for	r is for
f is for	s is for
g is for	t is for
h is for	u is for
i is for	v is for
j is for	w is for
k is for	x is for
l is for	y is for
m is for	z is for
Challenge : Can you use some of noun phrases?	f adjectives to create some expanded
e.g. The slow, slimy snail.	ବ୍ରନ

Adverbs

-	
Jake held up his certificate	proudly
In the middle of winter, it can be cold outside.	ghostly
The moon shone in the black velvet sky.	blindly
Afigure stood still in the churchyard.	bitterly
The fan looked at his idol on the stage, the clown had a big orange wig, huge blue	brightly
shoes and a purple nose.	spookily
A strange looking ghost hovered into the darkened room.	adoringly
James waited for his exam results.	amusingly
The hikers walked into the thick mist.	anxiously
I'll be going to the party if I start to feel better.	certainly
2. Now choose 5 of the words. Write each word into a sent Don't forget capital letters and full stops!	tence below.

Mixed SPaG questions

1.		into nouns by adding -ness or -er . Write the new word, in full, on the line. me letters might need to be changed or added on to create the correct spelling!
	teach	bright
	swim	happy
2.	Which type of w	ord is beautiful in the sentence below?
	The beautifu	princess danced at the party.
	a verb	
	an adjective	
	a noun	
	an adverb	
3	3. Tick the best v	vord to complete the sentence below.
	You can have	a rabbit you look after it.
	Tick one.	
	when	
	if	
	that	
	because	

4. Tick the best word to complete the sentence below.

I really don't like washing my face ______ I have to do it.

Tick one.



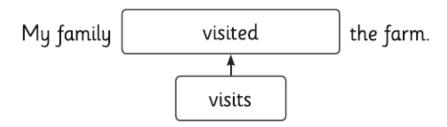
but

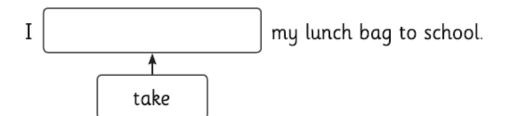
5. Write the missing punctuation mark to complete the sentence below.

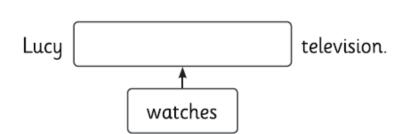
What time is the party starting today

6. The verbs in boxes are in the present tense.

Write these verbs in the **past tense**. One has been done for you.







On the farm I saw a sheep cow p	oig and some chickens.
8. Tick the sentence that is a statement.	Tick one box.
Jessica was running.	
Where are your shoes?	
Check you have cleared your desk.	
I don't believe it!	
9. Tick the correct sentence. Tick one	box.
Mark's car was very clean.	
Marks' car was very clean.	
Marks car was very clean.	
10. Underline the verbs in the sentence below.	

Yesterday I was walking to the park when I saw my friend riding her bike.

7. Add commas to the sentence below.

Add the correct subordinating conjunction to this sentence.

ರ

when that

Do you know a great song we could sing?



Use these words to make two new compound words.

key clip hair board shoe

What type of word is 'loudly' in this sentence? Circle one.

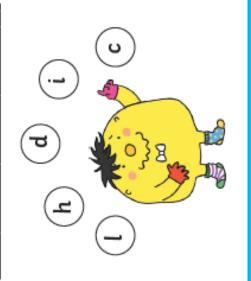
ပ

He's playing those drums very loudly!



noun adverb adjective

Which year 2 common exception describing word has Mr Whoops been juggling with?



Ε р 0 0 S n Find the hidden words. D Ü 0 ರ q improve because parents clothes today bath

Use these noun phrases and adjectives to write a sentence with two expanded noun phrases.

their bed those clouds giant comfy fluffy white

Extended write- narrative story



You have two options for a long write. See the steps to success to help you with what you need to include.

1. Watch this short film (Taking Flight from youtube) and write the story in your own words from the point of view of Tony the little boy who has an adventure with his Grandad.

https://www.youtube.com/watch?v=Gj6V-xZgtlQ

2. Look at the image of the tiny dragon. Discuss the questions with your family. Write a story featuring this character.

Tiny Dragon



Ouestions for discussion:

Where is it from?

Why is it so small?

Are there more like him?

Where does he live?

How will you look after it?

Will you keep it a secret or tell someone?

What is it called?

Is it magic? What magic can it do?

I like to imagine that it is a really small dragon which you can keep in your pocket but when you need to it can grow huge so that you can ride it.

Steps to success:

- I can use adjectives (describing words) including expanded noun phrases.
- I can use full stops and capital letters correctly.
- I can use conjunctions (because, but, so that).
- I can use question marks, exclamation marks, commas, apostrophes for possession and contractions.
- I can use adverbs (quickly, nervously, and beautifully).
- I can use good sentence openers (Next, A few hours later, With the wind in his hair.....).
- I can use similes (the clouds were soft like marshmallows).

Handwriting practise

The /n/ Sound Spelt Using 'kn' and 'gn'

knock	
know	
knee	
knitting	
knife	
gnat	
gnaw	
gnome	
gnarled	

The /r/ Sound Spelt Using 'wr'

write		
written		
wrote		
wrong		
wrap		
wrist		
wrestle		
wriggle		
wren		

The /s/ Sound Spelt Using 'c'

race	
ice	
cett	
circle	
spicy	

The /j/ Sound Spelt Using '-dge' or '-ge'

badge	
edge	
<u></u>	
_	
village	

The /j/ Sound Spelt With 'g' or 'j'

gem
giant
magic
giraffe
energy
acket
jar
jog
join

Common Exception Words

door		
floor		
climb		
both		

The /l/ Sound Spelt With 'le'

table
apple
bottle
ittle
middle
able
wobble
multiple
dazzte
riddle

The /l/ Sound Spelt With 'el'

camel	
tunnel	
squirret	
bagel	
hazel	
jewel	

The /l/ Sound Spelt With '-il' and '-al'

pencit	
fossit	
nostril	
pupit	
metal	
metal pedal	
capital	
hospital	
animal	
oval	

The /igh/ Sound Spelt With '-y'
cry
fly
dry
try
reply
sty
shy
terrify
sky
multiply

Spellings

Learn these two sets of weekly spellings and ask an adult to test you on them at the end of the week.

Spelling rule: Adding 'ies' to words that end in 'y' to change them from singular to plural. E.G. one lady and two ladies.

cry- cries

copy-copies

fly-flies

baby- babies

lorry- lorries

Spelling rule: Using the suffixes 'ful' and 'less' to change verbs into adjectives. E.G. colour becomes colourful.

hopeful

playful

careful

careless

hopeless

Ways to help you learn your spellings:

- Use look, say, cover, write, check
- Write the spellings in silly sentences
- Use rainbow write- writing each word in a different colour each time
- Use speed write-see how many times you can write the word spelt correctly in 1 or 2 minutes

Year 2 home learning pack- Reading

Tick One Box (Multiple Choice)

Five... four... three... two... one... BLAST OFF! The spaceship rocketed noisily into the air and Molly held on tightly. It was going to be a very bumpy ride. She steered the spaceship skilfully to the right so that the Moon was directly in front of her. She would be there soon. Molly had always dreamed of flying to the Moon and she was so excited. She peeped out of the small, round window. Earth was zooming quickly away from her now.

 How did the spaces 	ship rocket into space?		
Tick one box.			
smoothly	noisily	nicely	quietly
How did Molly stee	er the spaceship?		
Tick one box.			
swiftly	slowly	silently	skilfully
What was zooming	g away from her?		
Tick one box.			
Mercury	Mars	Earth	the Moon
a perfect landing on the stepped out carefully. S that! Suddenly, a shap for bed. You need to br light. Molly grumbled to continue her adventure		olly opened the spaceship d to step foot on the Mo . Could it be an alien? "N num said as she turned o	p door and on. Imagine Molly, it's time on the bedroom
 Earth appeared to Tick one box. 	be getting		
smaller	closer	greener	bluer
What was the land	ding like?		
Tick one box.			
bumpy	smooth	perfect	scary
 How did Molly fee 	el about having to go to b	ed?	
Tick one box.			
happy	pleased	flne	unhappy

Find and Copy a Word

A storm was blowing. Tall waves hit the boat and rocked it from side to side. Stan thought that the boat would sink. He was very scared. He was on a fishing trip with his dad because Stan loved sea fishing. He had caught a big fish. It was called a tuna fish and it was the biggest fish he had ever caught. His dad had helped him land it because the fish was so heavy. His dad had taken a photo of Stan and the fish. Stan had been having a great time until the storm came. It was time to leave and head for the safety of the harbour.

 FIND and COPY a word that tells you how Stan felt in the storm.
 FIND and COPY a word that tells you what type of fish Stan caught.
 FIND and COPY a word that means the same as 'high'.
It took a long time to get home. It was going to be dark soon. Stan stood on

It took a long time to get home. It was going to be dark soon. Stan stood on deck with his dad. A small roof kept some of the rain off them but they were still soaking. It was hard to see where they were going but his dad knew what to do. He was a good sailor who understood the sea. He kept the little boat chugging through the big waves. His dad wasn't afraid of the storm. Not like Stan. He sang songs to make Stan feel better. The harbour soon came into sight. Stan's dad steered the boat towards safety. Stan was very happy to be home.

•	FIND and COPY a word that tells you what type of sailor Stan's dad is.
•	FIND and COPY a word that tells you how Stan felt when he got home.
•	FIND and COPY a word that means the same as 'wet'.

True or False Statements

A cold wind was blowing. Tasha pulled her coat around her because she was freezing. Her puppy had run away so she was trying to find him. Her forgetful brother had left the gate open and the puppy had got out. Her puppy was called Max and he was only 4 months old. He was too young to be out on his own. He would be very cold and tired by now.

It was getting dark. Tasha was feeling sad and worried. She just couldn't find Max anywhere. She kept shouting his name but he was nowhere to be seen. She just had to find him soon because it was going to snow tonight.

 Using information from the text, put a tick in the correct box to show whether each statement is true or false.

		False
Max was only 4 months old.		
He was old enough to be out on his own.		
Tasha tried shouting his name.		
It was going to be a warm night.		

It was time to go home. Her mum would be cross if she stayed out after dark. She would just have to keep looking again tomorrow. Maybe he had already found his way home? Snow began to float gently from the sky. She loved snow normally but not today. Poor Max would be alone in the cold and dark. Tears began to roll down her cheeks.

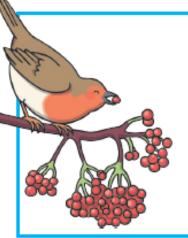
Suddenly, a rabbit shot out of the hedge in front of her. It was followed by a bouncing ball of fluff. Tasha knew instantly that the bouncing ball of fluff was Max! He was pleased to see Tasha and she was very pleased to see him too!

 Using information from the text, put a tick in the correct box to show whether each statement is true or false.

	True	False
Her mum didn't mind her staying out after dark.		
It began to snow.		
Tasha hated snow normally.		
The bouncing ball of fluff was Max.		

Birds in Your Garden

There are many different types of bird that you might see in your garden. Here are a few of them:



Robin

Robins are very easy to spot in your garden. They have a red breast and a brown head and back. They have long legs and a short tail. They are very territorial. This means they live in one area and will stop other robins from living there too. They eat insects, fruit, seeds and worms.

Jackdaw

The jackdaw is a noisy bird. You would definitely notice this bird in your garden. They are quite large, and have a grey neck, a stubby beak and white eyes. They eat insects, dead animals, eggs, young birds and seeds. Jackdaws are known for stealing things; not just food but objects too!



Blue tit



The blue tit is a very small bird with bright blue and yellow feathers. The male and female look the same. They eat insects, caterpillars, seeds and nuts. They often eat from bird tables and live in garden nesting boxes. In winter, they meet with other blue tits to make it easier to search for food.

Blackbird

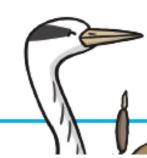
Blackbirds are very common garden birds. They also live in farmland, woodland and near streets and coasts. They eat insects, worms, seeds and fruit. Blackbirds tend to live on

their own. The male is glossy black with an orange beak and an orange ring around his eye. The female is dark brown with a brown beak.



Heron

Herons like to stand next to garden ponds. This is because they love to eat fish, and sometimes steal very expensive fish from people's ponds! They are quite large and have a long thin beak, long thin legs and skinny neck. When they fly, they stretch their legs out behind them and their neck is folded back.



Questions

1.	What does a robin eat? Tick onc.		
	insects, fruit, worms and seeds		
	O fruit, insects and eggs		
	O worms, eggs and insects		
	* 1:1		
2.	In which season do blue tits work together to find food? Tick one		
	O summer		
	○ spring		
	O winter		
3.	Write 2 adjectives from the text that describe a jackdaw.		
4.	Put ticks in the table to show which sentences are true and which	sentences ar	re false.
	Sentence	True	False
	A male blackbird has a brown beak.		
	Herons have long thin legs.		
	Blackbirds usually live on their own.		
	When herons fly, they stretch their legs out in front of them.		
	5. Why do herons like to stand near garden ponds?		

A Monster Surprise

Beneath the leafy rooftop of the woods in Little Nook

Was a very hungry rabbit who was searching by the brook.



"My flowers have been stolen – almost every single bunch!"

Rabbit panicked, feeling sure that there was not enough for lunch.

He saw a clump of fur between some sticks upon the ground,

And it gave him an idea of where the culprit might be found.



So, Rabbit marched to Squirrel's house to find his precious food, And to tell his friend that taking it was really rather rude.



"Excuse me," shouted Rabbit, now with Squirrel in his sight,

"I was really looking forward to my marigold delight.

I know you took my flowers, please return them right away."

But it wasn't only Rabbit who was missing food that day.

"My acorns have been stolen!" Squirrel shouted with a cry,
"And the villain left a bite mark in my tree as they went by."

The friends knew just one creature who would nibble on a tree,

And it gave them an idea of where the culprit now might be.



So, on they marched to Beaver's house to find their precious food, And to tell their friend that taking it was really rather rude.



"Excuse me," shouted Squirrel, now with Beaver up ahead,

"I was really looking forward to my toast with acorn spread.

I know you took my acorns, would you kindly give them back?"
But it wasn't only Squirrel who was cross about her snack.

"My branches have been stolen!" snuffled Beaver, full of grief.

"And I'm sure I saw a pointy tusk belonging to the thief."

The friends knew just one creature with a tusk of any sort,

And it gave them an idea of where the culprit might be caught.



So, on they marched to Boar's house, off to find their precious food, And to tell their friend that taking it was really rather rude. "Excuse me," shouted Beaver, now that Boar was in her view, "I was really looking forward to my branch and bramble stew.



I know you took my branches and I'd like them back, unchewed!"

But it wasn't only Beaver who was longing for her food.

"My berries have been stolen!" snorted Boar, wide-eyed with shock.

"And the robber left some footprints leading right across that rock.

I don't know any creature who has footprints of that kind, So I think that we should follow them to see what we can find."



The friends climbed up the rock, then clambered down the other side, As they trekked to find their food with just the footprints as their guide.

Along a narrow path that formed a line between the trees,

Through the clump of thorny bushes that left scratches on their knees...



Across some jagged rocks displaying shadows on the floor,

Till they came across a cave that had a boulder for a door.

The boulder started moving and the creatures stood in fright,

As a silhouette inside began to shuffle into sight.

"A monster!" Rabbit shouted as the friends all turned to flee.

In the panic, Rabbit tripped, colliding head first with a tree.



The monster's hand loomed down and as it picked him up, he froze.

What a scary beast it was with hairy ears and crusty toes!



"Don't eat me, please!" begged Rabbit, looking straight into its eyes.

"I won't eat you!" laughed the monster, as it chuckled with surprise.

"Oh, thank you!" answered Rabbit, as he brushed the dirt away.

"Don't be frightened," said the monster.
"I'm just checking you're OK!"

The monster mumbled shyly as it bent down on one knee, "I wondered if you all would like to join me for some tea."

The monster clicked its fingers and the glow-worms shined their lights

On the most amazing party full of wonderful delights.



"Our favourite foods!" said Rabbit, now the monster's plan was clear, And the creatures all said sorry for reacting with such fear.

"Please, join me," said the monster, as it headed for the seats.

"You can help yourself to cups of tea and lots of yummy treats."

When Rabbit's little tummy brimmed with marigold delight, And when all the toast had gone with no more acorn spread in sight,

When Boar was full of berries, and the stew was at an end,

They hugged and thanked the monster, who was now their brand-new friend.

Questions

\	What did the animals think had happened to their food? Tick one.		
(They thought it had been stolen.		
(They thought it had been cooked.		
(They thought it had been poisoned.		
- 70			
1	What do you think the word 'culprit' means?		
_			
_			
	List three pairs of rhyming words in the story.		
2			
3	L		
	Beaver is looking for her branches. Squirrel is looking for her acorns. Rabbit is looking for his flowers.		
	Boar is looking for his berries.		
_			
5.	How do you think the animals felt when they first saw the monster?		
6.	Why do you think the monster wanted to have a tea party with the animals?		

Science- Materials

Draw an everyday object in the box. Try and choose something which is made of more than one material. Write some sentences to explain why the materials that have been used are suitable.		
mat have been us	eu are suitable.	
Pu	the correct definitions with the property words	
magnetic		
reflective		
absorbent		
permeable		
translucent		
flexible		

hard		
flammable		
insulating		
transparent		
Is attracted to mag	nets.	Easy to bend.
Will bounce light o	ff its surface.	Will easily catch fire and burn quickly.
Is able to soak up l	iquid easily.	Solid, firm and rigid, not easily broken, scratched or pierced.
Will allow liquids of through it.	ınd gasses to pass	Will stop energy such as electricity or heat from transferring through.
Will let some light not enough to see o	pass through them but letailed shapes.	Light passes through easily and objects are seen clearly.
1. Glass is: a. transparent b. able to block	light Tick th	re some questions about different materials ne correct answer.
c. a light sourc 2. Steel is: a. found growin b. a metal c. soft	4	. Wood is: a. transparent b. natural c. opaque
3. Rubber is: a. transparent b. always black c. bendy		. Plastic is: a. made in a factory b. made from seashells c. made in the ground