Year 3 Holiday Homework										
Spelling	Reading	English	Maths	Science	Creative Project					
Practice these words	Write a book review	Next half term we will be	Complete the multiplication	Next half term we will be	Next half term we will be					
using the following	either on the book	looking and learning about	and division questions (see	studying finishing off our	learning about Ancient Egypt.					
technique:	that you have	portal stories. Read the	attached).	plant topic and be learning						
	borrowed from	story (Elf Road - attached)		about forces and magnets.	Your task is to design and					
Write, cover, write	school or on the	and answer the following			make your own pyramid using					
	Oxford Owl story that	questions:	<u>Useful websites:</u>	Experiment:	the recycled material you have					
Accident	you have been				at home.					
Address	assigned by your	 What does 	https://www.bbc.co.uk/bitesi	Complete the Iron Hidden In						
Answer	teacher.	'curious' mean?	ze/topics/z36tyrd/articles/zw	Your Food experiment (see	House points to those children					
Believe		 Give two 	ghk2p	attached).	who produce and design the					
Breathe	https://www.oxfordo	reasons to			best pyramids.					
Business	wl.co.uk/	explain why	https://www.bbc.co.uk/bitesi	Take pictures of your						
Calendar		Billy picked up	ze/topics/z36tyrd/articles/zgx	experiment to show how it	<u>Useful websites:</u>					
Complete		the apple.	<u>dfcw</u>	was conducted.						
Decide		 Which words 			https://www.bbc.co.uk/bitesize					
Describe		suggest that		<u>Useful websites:</u>	/topics/zg87xnb/articles/z6x23					
Experience		the apple was			<u>82/</u>					
Experiment		amazing?		https://www.bbc.co.uk/bitesi						
February	* 1	 How do we 		ze/topics/zvpp34j/articles/zy	https://www.bbc.co.uk/bitesize					
Grammar		know how Billy		<u>wcrdm</u>	/topics/zg87xnb/articles/zr7qy9					
Height		felt once he			<u>q/</u>					
History		had eaten the		https://www.bbc.co.uk/bitesi						
Imagine		apple?		ze/topics/zyttyrd/articles/zpv	https://www.youtube.com/wat					
Learn		 How has the 		<u>crdm</u>	ch?v=Xtc0LQuA3z4					
Material		adventure								
Occasion		changed Billy?			https://www.youtube.com/wat					
		 What do we 			ch?v=yfL KwJQr5k					
Extension:		know about								
		Billy's mother								
How many spellings		that might								
can you learn from		suggest what								
the Y3/Y4 spelling		happened?								
list? (on the reverse)					And the second section of the section o					

Year 3 and 4 Statutory Spellings

accident	caught	eighth	heard	minute	possible	strange
accidentally	centre	enough	heart	natural	potatoes	strength
actual	century	exercise	height	naughty	pressure	suppose
actually	certain	experience	history	notice	probably	surprise
address	circle	experiment	imagine	occasion	promise	therefore
answer	complete	extreme	increase	occasionally	purpose	though
appear	consider	famous	important	often	quarter	although
arrive	continue	favourite	interest	opposite	question	thought
believe	decide	February	island	ordinary	recent	through
bicycle	describe	forward	knowledge	particular	regular	various
breath	different	forwards	learn	peculiar	reign	weight
breathe	difficult	fruit	length	perhaps	remember	woman
build	disappear	grammar	library	popular	sentence	women
busy	early	group	material	position	separate	
business	earth	guard	medicine	possess	special	
calendar	eight	guide	mention	possession	straight	

Billy had always been curious. One sunny afternoon, he was walking down Elf Road when he saw an unusual wooden door in the brick wall. The metal handle was shaped like a dragon's mouth. Gently, he turned it and the door creaked open. Inside, there was a huge, dark hall.

On an enormous table, someone had set out a great feast with slices of chicken, bowls of salad, jars of fruit and plates of sweet puddings. Hundreds of tiny people were serving steaming pies, fresh strawberries like gleaming embers and glasses full of creamy drinks. They were dressed in rainbow coloured clothes with scarlet cloaks, pointed mustard yellow shoes and crimson caps. Billy tried to talk to the tiny people but they did not say a word!

In the middle of the table was a glittering dragon carved out of ice and in its beak there was a folded piece of paper.



"Look where you wish, but don't touch a dish."

So, Billy wandered further into the hall, walked past a great fireplace and, at the end, he found a golden cupboard.

Amazed, he opened the door and inside was a golden apple sitting on a silver plate. It smelt so sweet and his mouth was so dry that he picked it up and took a bite. The glistening apple tasted of sunlight! At that very

moment, Billy gasped because he had remembered what he had been told.

Instantly, he could hear a thousand mocking voices ringing in his ears like sharp, clanging bells. Billy shuddered and ran from the echoing sound. Clutching the apple, he dashed through the dark hall, past the great table with the tiny people running behind him. Just in time, he found the wooden door that led him back to his own world.

Amazingly, two very strange things happened after Billy reached home. First, Billy planted the apple pips. One grew into a beautiful tree with blossoms of silver and apples of gold that glowed like tiny suns. His mother said that the fruit tasted sweeter than starlight itself. Second, poor Billy never saw the door again, even though he walked up and down Elf Road many times. At school, they said that Billy was always lost in his daydreams. He dreamed of dark halls, fantastic feasts and golden cupboards. Sadly, that other world had disappeared. Well, at least, Billy never found his way back...



FUN WITH

Learn how to reveal IRON HIDDEN IN YOUR FOOD

You may think of it largely in terms of lawn furniture and vitamins, but iron is everywhere. Not only is iron the fourth most common element in the earth's crust, it's also an essential part of our own blood!

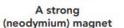
Many foods contain iron, which blood cells need in order to carry oxygen. A molecule called heme contains the iron ion at its center. The hemoglobin protein is made up of four heme groups. Blood vessels in the lungs, where oxygen concentration is high, allow the hemoglobin to bond to the oxygen molecule to create oxyhemoglobin, which is then transported to oxygen-hungry tissues throughout the body.

Because iron is so important to your body, you need to make sure you get enough in your diet. You may have heard about meat and spinach being rich in iron (what do you think made Popeye so amazingly buff?) but it's found in many other foods, including most breakfast cereals.

Iron is naturally magnetic, and even though your blood contains iron, you can't get a refrigerator to stick to you. That's because the iron in your blood is spread out into particles too small to get the magnet to react. You can, however, use a magnet to separate the iron contained in some iron-rich foods. Who knew breakfast cereal could be so delicious and so magnetic?

WHAT YOU NEED:







Cereal or other food with iron*



A Ziploc® bag



A plastic, see-through cup



A little water

* Crunchy, high-iron foods are best; we suggest using Total® cereal or Gerber Graduates® Arrowroot cookies.





FIND IRON IN YOUR FOOD

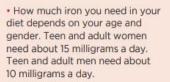


Did you know?

- · People without enough hemoglobin in their bloodstream are called anemic. The most common symptoms of anemia are weakness and fatigue.
- All of the blood in your whole body contains about 2.5 grams of iron - about the weight of a single penny. It's amazing that

such a small amount can be so

important!



· Breathing carbon monoxide (such as car exhaust) is dangerous because it binds to the iron in the heme molecule about 200 times tighter than oxygen does. This kicks those needed oxygen molecules out of the way, possibly leading to suffocation.



Multiply by 4



Complete the sentences.

a)











There are bags of pears.

There are pears in each bag.

There are pears in total.

b)







There are plates.

There are doughnuts on each plate.

There are doughnuts in total.

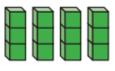
Write a multiplication sentence to match the picture.

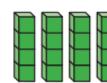




3 Match the representations to the number sentences.

Complete the number sentences.







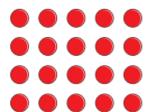
Starting from zero, circle the numbers in the 4 times-table.

The first one has been done for you.





Esther makes this array.



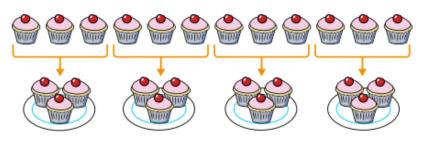


What multiplication facts does the array represent? Complete the multiplications.

Divide by 4



Here are 12 cakes.



Complete the sentences.

There are plates.

Each plate has cakes.

12 shared into equal groups is

Circle groups of 4 flowers.



- a) How many groups of 4 flowers did you make?
- b) Complete the sentence.

There are groups of 4 in 16

- **(**3
 - Eva makes an array with 32 counters.
 - a) How many groups of 4 are in the array?
 - b) Use this to work out 32 ÷ 4
 - A farmer has 24 apples.

He wants to pack the apples equally into 4 bags.

How many apples will be in each bag?

- There are 20 muffins.
 - 4 muffins fit in 1 box.

Use a number line to work out how many boxes can be filled.

6 Alex is trying to divide 48 by 4



To multiply by 4, you can double the number and double again.

To divide a number by 4, I think you can halve the number and halve it again.

Use an array to show that Alex's method works.

Does Alex's method always work?

