

Year group: 3

Date:

	Challenge 1	Challenge 2	Challenge 3
English	<p>Watch the video link below from the beginning to 1 minute and the write a retell for each picture.</p> <p>Try to include: 2A and, but, when, because Sentence opener ly sentences Joined writing https://www.literacysshed.com/geri.html</p>	<p>Can you read the information on Alan Turing and answer the questions in full sentences? Remember to highlight or underline key information to help you..</p>	<p>Can you read the information on George the Giant Tortoise and answer the questions in full sentences? Remember to highlight or underline key information to help you..</p>
Maths	<p>A) Can you answer the questions on comparing number sentences? B) Practice writing out your 10 and 5 times tables.</p>	<p>A) Subtract a 2 digit number from a 3 digit number. B) Practice your times tables on tt rock stars</p>	<p>A) Add and subtract 100's B) Practice your times tables on tt rock stars</p>
Reading/ spelling	<p>Please read 2 pages of your favourite book and record in your home school links books. Spellings - Can you write the spellings given in a sentence.</p>	<p>Please read 2 pages of your favourite book and record in your home school links books. Spellings - Can you write the spellings given in a sentence and answer the grammar questions?</p>	<p>Please read 2 pages of your favourite book and record in your home school links books. Spellings - Can you write the spellings given in a sentence and answer the grammar questions?</p>
Other	<p>It's the Queen's birthday! Look through the information and choose a task to complete.</p>		

Challenge one English

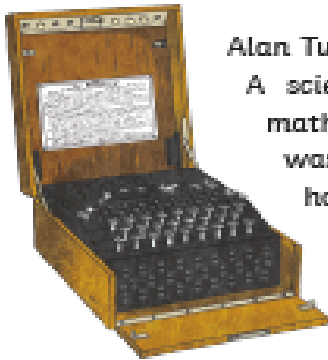








Alan Turing



Alan Turing was a scientist, a mathematician and a codebreaker. A scientist is someone who knows a lot about science. A mathematician is someone who is very good at maths. Alan was so clever that he could use science and maths to work out how to crack codes.

What Was Alan's Family Like?

Alan was born on 23rd June 1912 in London. His dad was called Julius and his mum was called Ethel. Alan's parents spent a lot of time travelling between England and India because Alan's dad worked there. This meant that Alan and his older brother, John, spent a lot of time staying with friends of their family.

What Was Alan like as a Child?

Alan was a very clever child who liked to solve puzzles and take on challenges. One day, Alan tracked the path of flying bees so that he could find their hive and get honey for his family.



Alan's teachers said that he was very smart for his age. When Alan was 13, he joined Sherborne School in the town of Dorset. While he was there, Alan was able to understand problems and ideas that were much too tricky for most children.

What Did Alan Do during the Second World War?

Alan started to work at Bletchley Park when he was 27 years old. Bletchley Park was a large house where lots of codebreakers worked during the Second World War.

During the war, the German army would send lots of messages to each other that were written in code. They did this by replacing one letter with another letter lots of times. It was Alan's job to work out what the messages really said.



At first, Alan was using a codebreaking machine called the Enigma. However, Alan quickly made a new machine that was much better. Alan's new machine played a big part in ending the Second World War.

Alan was given a special award for his hard work by King George VI in 1946.

Did You Know...?



Alan Turing is considered to be one of the fathers of modern computing. In 1936, he predicted that humans would one day build machines that could solve any sort of problem by storing instructional codes in their memory. This is what the modern digital computer does.

"Those who can imagine anything, can create the impossible." - Alan Turing

A = Q, R = E, T = B, H = O

Questions

1. In which year was Alan Turing born? Tick one.

- 1912
- 1923
- 1936
- 1946

2. Whose flight path did Alan track as a child? Tick one.

- birds
- bees
- flies
- planes

3. Number these events from 1 to 4 to show the order in which they happened in Alan's life.

	He invented a new machine.
	He joined Sherbourne School.
	He was given a special award.
	He started to work at Bletchley Park.

4. Draw four lines and complete each sentence.

Alan's dad...
Alan's parents...
Alan and John...
Alan...

stayed with family and friends.
worked at Bletchley Park.
worked in India.
spent a lot of time travelling.

5. How old was Alan when he started to work at Bletchley Park?

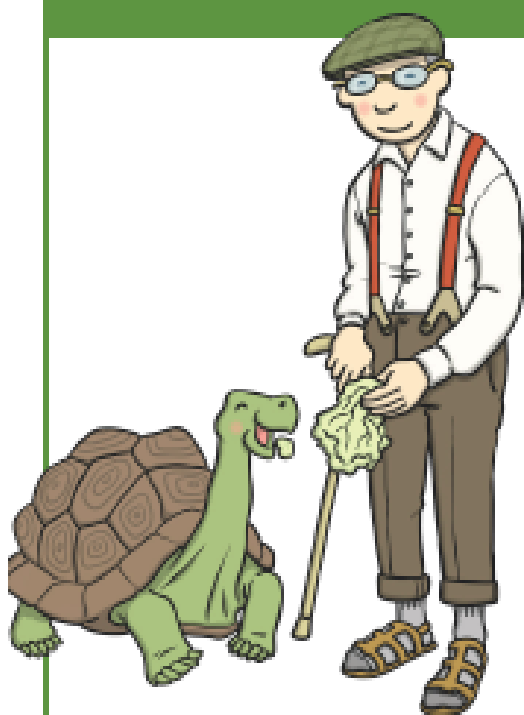
6. Look at the section called **What Was Alan like as a Child?**

Find and copy two words from the text which means the same as intelligent.

1. _____

2. _____

George the Giant Tortoise



George was a giant tortoise. He belonged to a lovely owner called Oliver, who looked after him very well, although before that he had belonged to Oliver's Grandpa Jack for many years. He was quite a rare type of tortoise and that made him very special.

Some people said George was spoilt but he didn't ask for much really. All he liked to eat was grass and hay, with a few dandelions now and then, or the occasional lettuce. He did have his own shed, that Grandpa Jack had made when he was alive, which even had its own heating! Most of the time, George lived in his shed but he loved to wander lazily around the garden sometimes when Oliver was playing on the lawn.

George thought that Oliver was the best owner any tortoise could wish for. Well, maybe joint-first in a best-tortoise-owner competition, as Grandpa Jack had been an extremely kind, caring owner too. In fact, George was very keen to show how grateful he was to his owner, and to prove that he was the best pet that Oliver could wish for.

As summer approached, the perfect opportunity came for George: the annual village fair would be holding the 'Perfect Pet Competition'. He was delighted. He would show everyone what a great pet he was and Oliver would be so proud. However, when Oliver read the leaflet aloud, George was devastated. 'Open to dogs, cats, rabbits and hamsters. No tortoises allowed'.

'Just furry creatures?' thought George. 'How unfair!' So he decided he wasn't going to let those rules stop him. With the village fair only a week away, the giant tortoise began to dig a hole behind his shed. Slowly, the hole became bigger and closer to the fence at the back of the garden. Eventually, the hole became a tunnel but each night, George would return to his shed before anyone noticed he was gone.

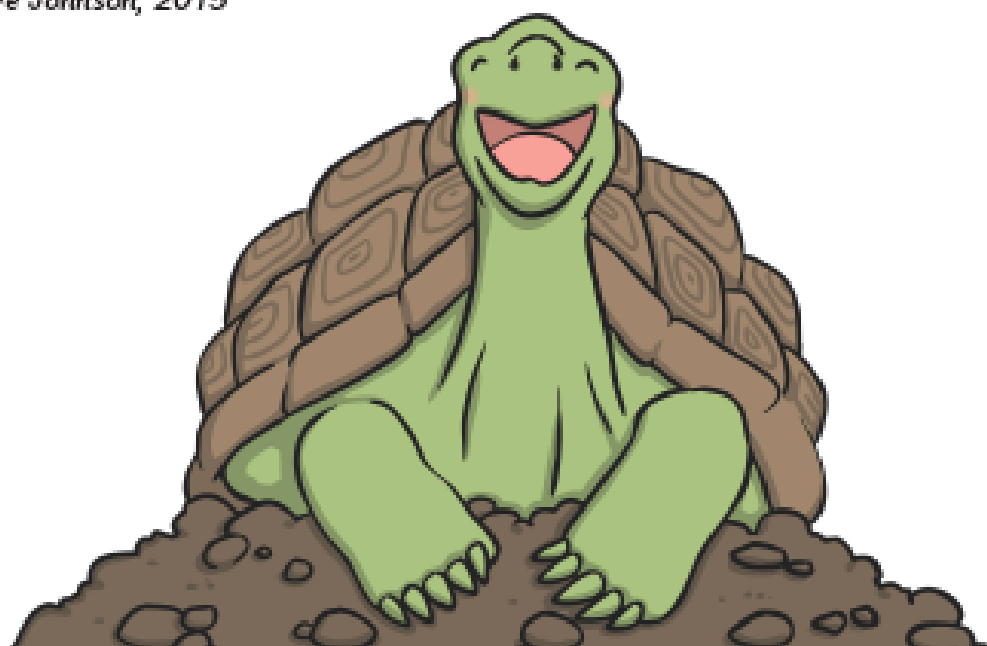
When the day of the fair arrived, the first competition entrant Harry the hamster had gone missing. Escaping from his ball, he was last seen behind the sofa and now couldn't be found. Only three more animals were left in the competition. Unfortunately, Rachel the rabbit had spotted the fruit and vegetable show and was taken home after eating her way through two record-breaking carrots, a large lettuce and Mrs Earnshaw's prize cucumber.

Oliver sat in the front row watching as the last two animals were brought onto the stage. Daisy the dog walked on with her owner from the right hand side. Colin the cat strolled in from the left. As soon as they saw each other, Colin clawed his way straight up the stage curtains. Daisy dashed below, barking madly at Colin. As each of their owners chased after their pets, Oliver laughed and thought how much better his own pet was.

At that precise moment, a small mound of muddy soil began to rise up from the ground in front of the stage. Everyone stopped in amazement to look, wondering what was beneath it. Slowly – of course, it had to be slowly – two small feet pushed their way out of the soil. Close behind came George's little round face, as he pulled himself up through the surface of the ground into full view.

Oliver leapt over to his pet with a smile as everyone burst into a round of applause. One of the judges stepped forward and placed a big blue rosette onto George's shell, with a gold Number 1 in the middle. Underneath it read: Perfect Pet Competition Winner!

Steve Johnson, 2015



Challenge 3 questions page 1 of 2

1. Who was Oliver? **Circle one.**

- a giant turtle** **a giant** **a cat** **an owner**
-

2. Which one of these did George like to eat? **Tick one.**

- | | | | |
|---------------|--------------------------|------------|--------------------------|
| tulips | <input type="checkbox"/> | biscuits | <input type="checkbox"/> |
| grass and hay | <input type="checkbox"/> | sandwiches | <input type="checkbox"/> |
-

3. Who was Jack? **Circle one.**

- the tortoise** **Oliver's friend** **Grandpa** **a neighbour**
-

4. *He was quite a rare type of tortoise...*

Draw the line to show the phrase that is closest in meaning to *quite a rare type of tortoise*.

- | | |
|--------------------------------------|------------------------------------------|
| quite a rare type of tortoise | quite an unusual type of tortoise |
| | quite a strange type of tortoise |
| | quite a good type of tortoise |

Challenge 3 questions page 2 of 2

5. Where did George live?



6. How did George feel towards his owner? **Circle one.**

angry

patient

grateful

unhappy



7. Look at the text again.

Find and copy the information from the text to complete the fact file below about George.

Name	George
Type of Tortoise	
Owner	
Favourite Foods	

8. Who could not enter the 'Perfect Pet Competition'?



9. Look at the paragraph beginning *As summer approached...*

Find and copy a word from this paragraph that means yearly.

Challenge 1 spellings

Can you write these spellings in a sentence?

- because
- today
- was
- school
- house

Challenge 2 and 3 spellings and times tables

Can you write ! or ? in the correct place.

Have you heard

It's Eva's birthday

Do you think there will be a party

write each word in a sentence

completely

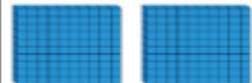


simply

impossible

because

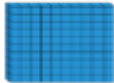

should

What is the value of the number represented in the place value chart?

Hundreds	Tens	Ones
		

Write your answer in numerals and in words.

Complete this place value chart so that it shows the number 354

Hundreds	Tens	Ones
		

Represent the number using a part-whole model.

3×2

8×8

3×9

12×8

4×12

4×8

10×4

2×8

Compare number sentences

- 1 Mo has 4 blue sweets and 3 pink sweets.



Rosie has 4 blue sweets and 5 pink sweets.



Who has more sweets?

Explain how you know.



- 2 Use bar models to show that $3 + 6 = 8 + 1$

Write one more calculation that gives the same answer.

Compare answers with a partner.



- 3 Draw counters on ten frames to show $9 + 3$
Draw counters on ten frames to show $9 + 4$
Write $<$, $>$ or $=$ to make the statement correct.

$$9 + 3 \bigcirc 9 + 4$$



- 4 Write $<$, $>$ or $=$ to make the statements correct.

a) $3 + 5 \bigcirc 3 + 9$

b) $7 + 2 \bigcirc 4 + 2$

c) $10 + 5 \bigcirc 9 + 6$

- 5 Use counters to show $9 - 3$

Use counters to show $9 - 4$

Write $<$, $>$ or $=$ to make the statement correct.

$$9 - 3 \bigcirc 9 - 4$$

- 6 Write $<$, $>$ or $=$ to make the statements correct.

a) $20 - 5 \bigcirc 20 - 6$

b) $17 - 4 \bigcirc 13 - 4$

c) $11 - 3 \bigcirc 12 - 4$



Challenge 2 Maths

Subtract a 2-digit number from a 3-digit number – crossing 100

1 Use base 10 to make the number 235

a) Work out the subtraction.

$$235 - 20$$

b) Work out the subtraction.

$$235 - 30$$

c) Show how you can work out $235 - 50$ using base 10

Talk to a partner about how you did it.

d) Work out the subtractions.

$$235 - 50$$

$$235 - 70$$

$$235 - 90$$

2 Work out the subtractions.

a) $323 - 60$



b) $712 - 40$

H	T	O
100, 100	10	1, 1
100, 100		
100, 100		
100		



3



You can't subtract 70 from 624 as you don't have enough tens.

H	T	O
100, 100	10, 10	1, 1
100, 100		1, 1
100, 100		

Rosie is wrong.

How do we know?



4

Complete the number sentences.

a) $720 - 60 = \square$

e) $716 - 50 = \square$

b) $338 - 40 = \square$

f) $\square = 528 - 90$

c) $248 - 60 = \square$

g) $319 - 20 = \square$

d) $937 - 50 = \square$

h) $703 - 80 = \square$



5

The answer to the subtraction is 358

Find all the possible missing digits.

$$4_8 - _0 = 358$$

Add and subtract 100s

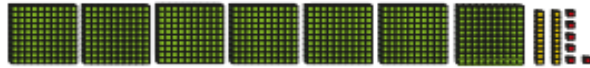
1 Brett has some flowers.

Hundreds	Tens	Ones
		

He buys 3 more bunches of these flowers.
How many flowers does he have now?



2 Filip makes the number 726



Cross out the hundreds to help you work out the subtractions.

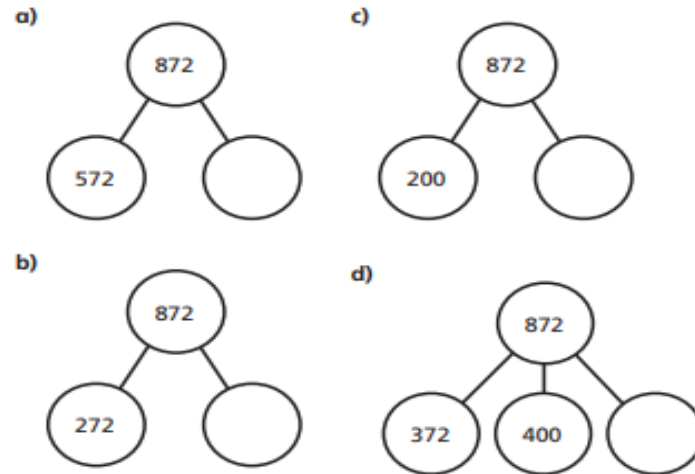
- a) $726 - 100$ c) $726 - 400$
 b) $726 - 200$ d) $726 - 700$

3 Solve the calculations.

- a) $400 + 300$ b) $700 - 200$
 $430 + 300$ $780 - 200$
 $439 + 300$ $783 - 200$
 $300 + 477$ $701 - 200$

What patterns do you notice?

4 Complete the part-whole models.



What patterns do you notice?

5 Complete the number sentences.

- a) $148 + \square = 648$ f) $\square - 900 = 24$
 b) $397 - \square = 197$ g) $\square + 400 = 849$
 c) $789 + \square = 989$ h) $728 = \square + 328$
 d) $\square + 517 = 917$ i) $918 - \square = 818$
 e) $\square - 200 = 408$ j) $\square + 200 = 299$



The Queen's Birthday!

21st April



Queen Elizabeth II was born on 21st April, 1926.

The Queen celebrates 2 birthdays each year. Her actual birthday is in April but her official birthday is usually the second Saturday in June. Can you work out when her official birthday will take place this year?

The Queen's Birthday song

It's a special day today
The Queen is Hip hooray!
A long time on the throne she's stay
She's 94 today.
She is Queen of England
She is Queen of Scotland
She is Queen of Wales
She's 94 today!



Why does the Queen have 2 birthdays?

The Queen has a real birthday to celebrate the day she was born. Her official birthday celebrates her reign as The Queen of Great Britain.

If you could have a second birthday at another time of year when would it be?

Here are some activities you can do to celebrate!

- Design a birthday card for the Queen.
- Design the Queen's birthday cake (you could even make a cake with your adult!)
- Imagine you are throwing a party for the Queen and write a party invitation for your friends.
- Take a virtual tour of London to see where the Queen lives. 360.visitlondon.com
- Design and make a crown using card and decorate with felt tips and collage materials.
- Use the internet to research Queen Elizabeth and her family. What did you find out?



Please send a photograph of your creations to your teacher to share on twitter.

