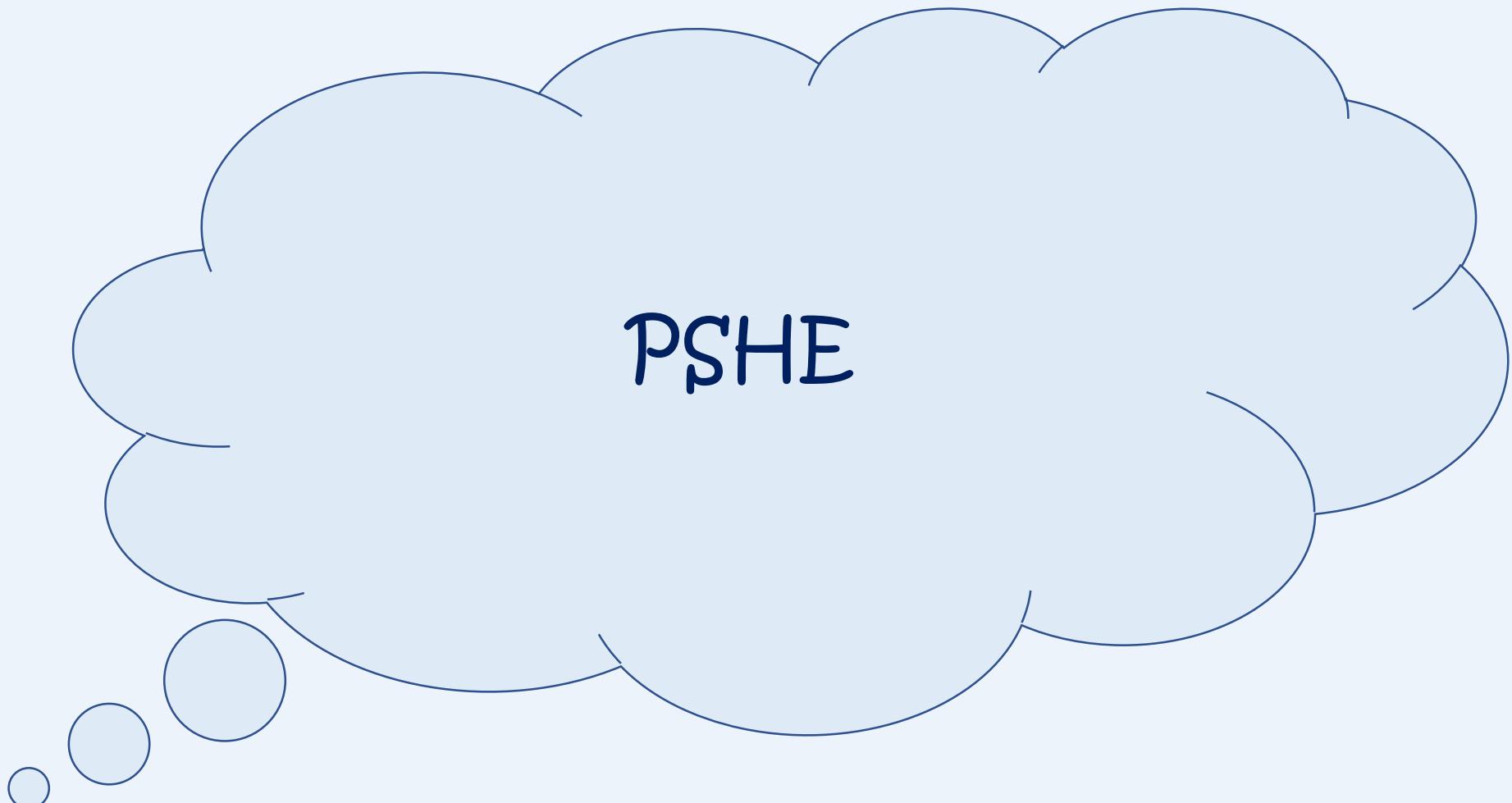
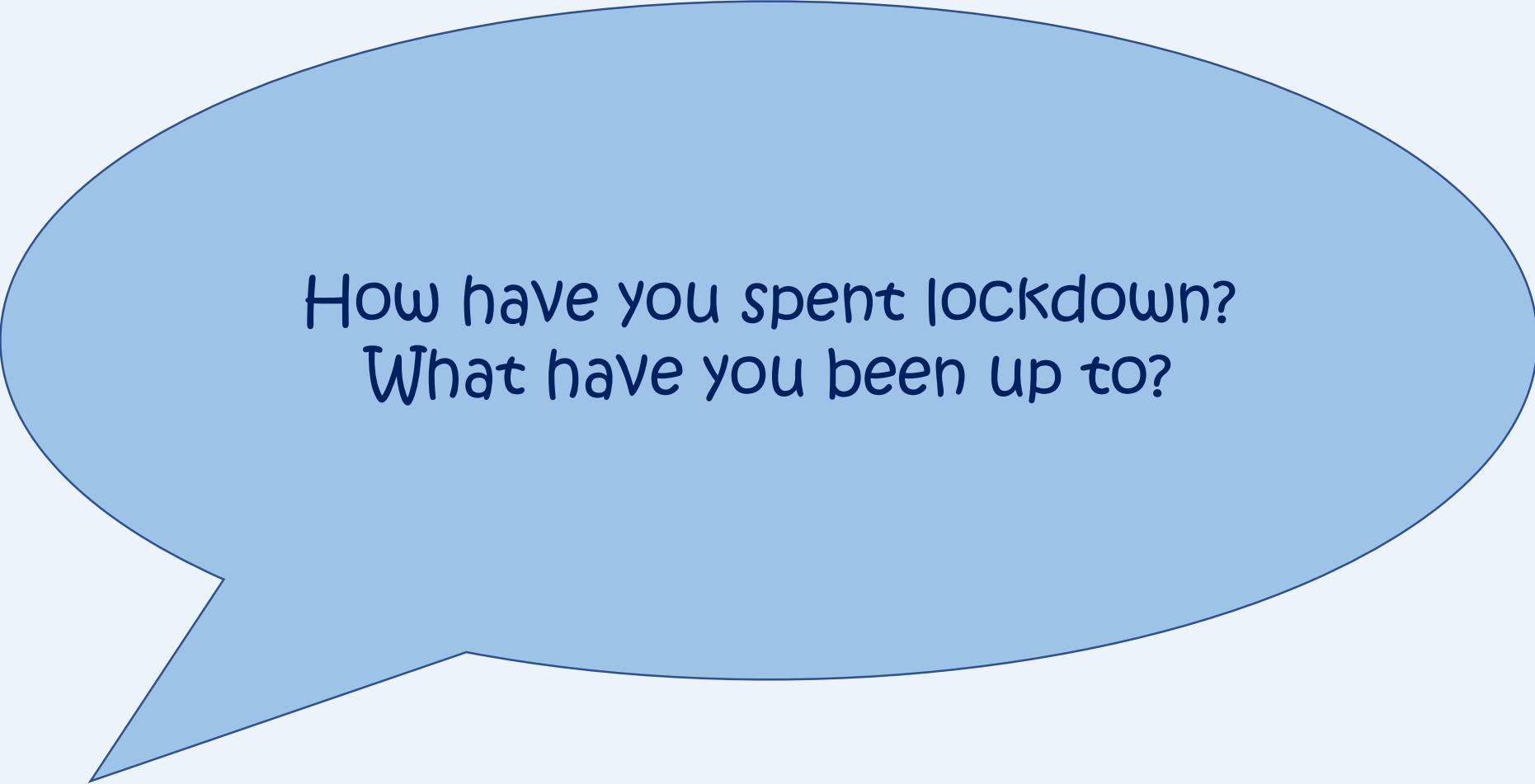


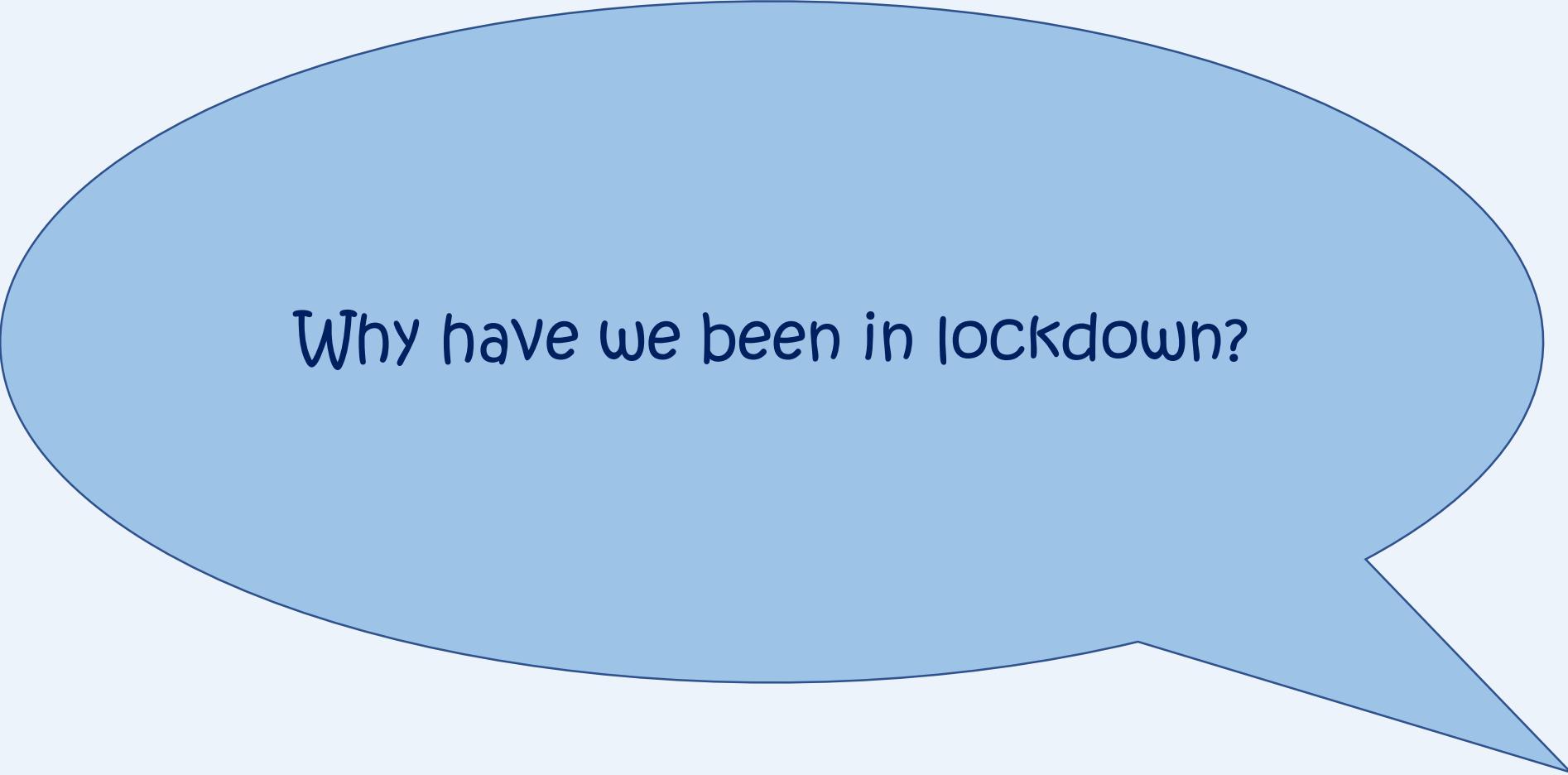
Monday



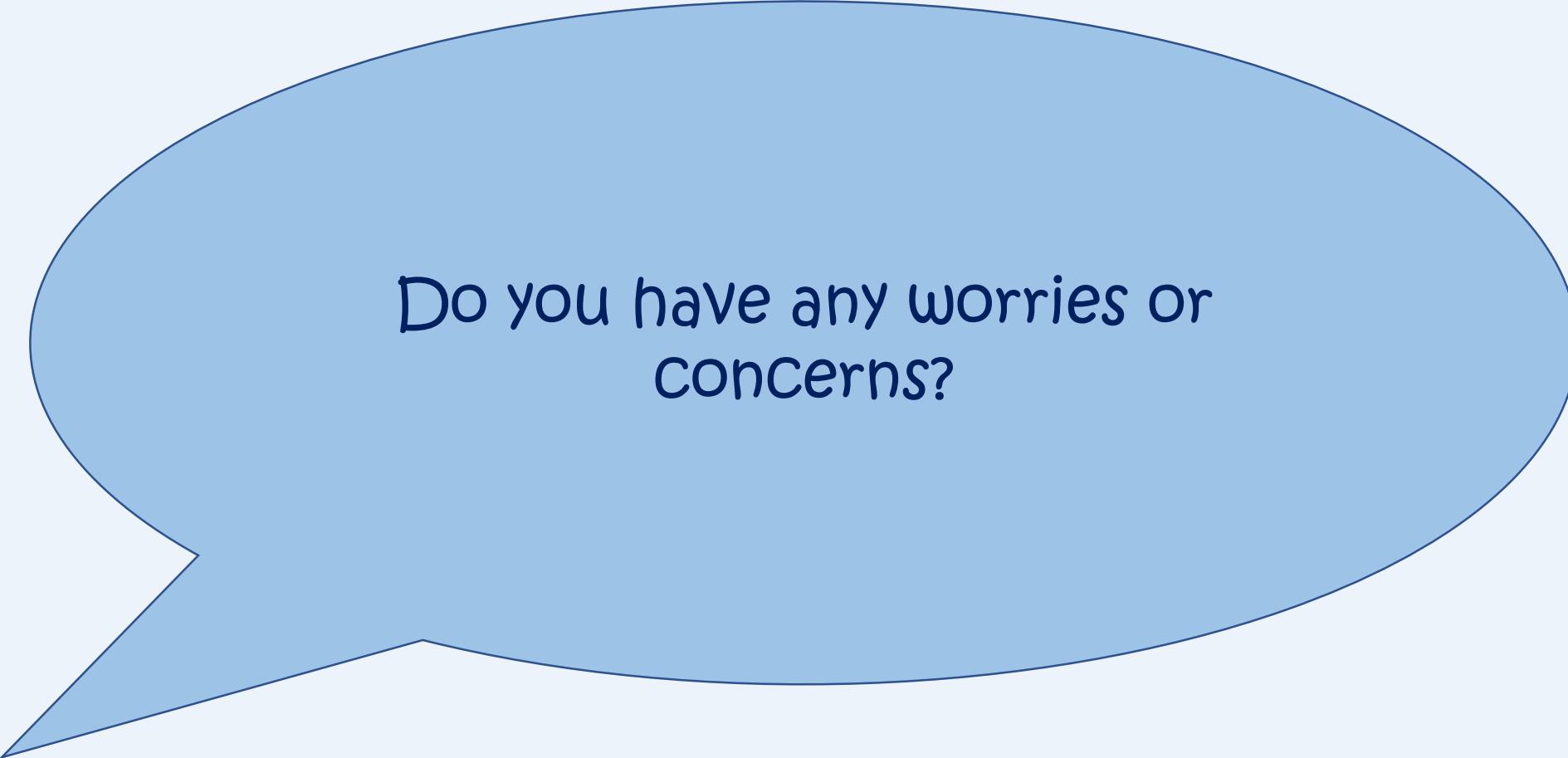
PSHE



How have you spent lockdown?
What have you been up to?



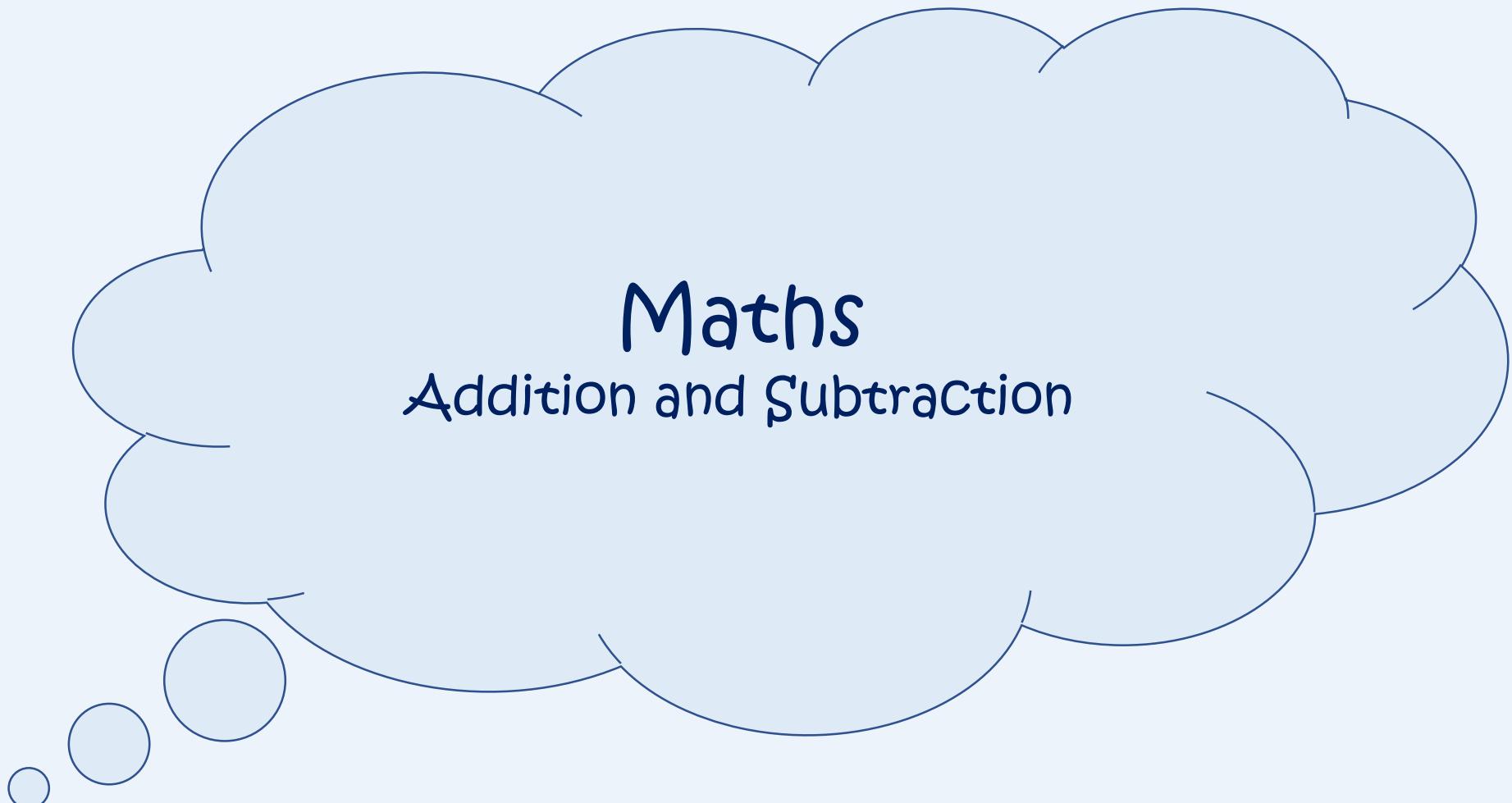
Why have we been in lockdown?



Do you have any worries or
concerns?



How we will keep people safe in
school?



Maths

Addition and Subtraction

Addition and subtraction using the column method.

I can use the formal method for addition and subtraction to solve problems in different contexts.

Hot

$$1. \quad 345 + 233 =$$

$$2. \quad 432 + 169 =$$

$$3. \quad 876 - 342 =$$

$$4. \quad 573 - 258 =$$

Hotter

$$1. \quad 5432 + 5739 =$$

$$2. \quad 4352 + 2463 + 234$$

$$3. \quad 84325 - 27389$$

$$4. \quad 93748 - (3547 + 637)$$

Super spicy

$$1. \quad 8295 + ? = 12748$$

$$2. \quad 4?6?$$

$$+ \quad ?451$$

$$123?3$$

$$3. \quad 65394 - ? = 4783$$

$$4. \quad 82747 - (? + 3627) = 12824$$

Addition and subtraction using the column method.

Answers

Hot

1. $345 + 233 = 578$
2. $432 + 169 = 601$
3. $876 - 342 = 534$
4. $573 - 258 = 315$

Hotter

1. $5432 + 5739 = 11,171$
2. $4352 + 2463 + 234 = 7,049$
3. $84325 - 27389 = 56,936$
4. $93748 - (3547 + 637) = 89,564$

Super spicy

1. $8295 + 4453 = 12748$
2. 4862
+ 7451
12313
3. $65394 - 60611 = 4783$
4. $82747 - (66296 + 3627) = 12824$

Problem solving.

Look at the following problems can you use the formal method for addition to solve them.

1. Miss Cooper has 672 Disney teddies (I know she loves Disney too much), Mr Thurlby has 162. How many teddies do they have altogether?
2. Sam has been collecting stickers since he was 6, he had 8243. On his way to the big sticker convention he left 2453 on the bus. How many stickers has he got left?
1. Miss Cooper has 6724 Disney teddies, Mr Thurlby has 162 more than Miss Cooper. How many teddies do they have altogether?
2. Sam has been collecting stickers since he was 6, he had 8243. On his way to the big sticker convention he lost some of his stickers on the bus. He then sold 600 to a collector. He now has 5482. How many did he lose on the bus?
1. Miss Cooper has some Disney teddies, Mr Thurlby has more than Miss Cooper. They have 3526 altogether. Both teachers need to grow up as they both have collections in the thousands. Miss Cooper has an odd Number of teddies. Mr Thurlby has a collection that he can separate into 3 equal groups. How many could each adult have?

Answers

1. Miss Cooper has 672 Disney teddies (I know she loves Disney too much), Mr Thurlby has 162. How many teddies do they have altogether?
834
2. Sam has been collecting stickers since he was 6, he had 8243. On his way to the big sticker convention he left 2453 on the bus. How many stickers has he got left?
5790
1. Miss Cooper has 6724 Disney teddies, Mr Thurlby has 162 more than Miss Cooper. How many teddies do they have altogether? 13610
2. Sam has been collecting stickers since he was 6, he had 8243. On his way to the big sticker convention he lost some of his stickers on the bus. He then sold 600 to a collector. He now has 5482. How many did he lose on the bus?
1. Miss Cooper has some Disney teddies, Mr Thurlby has more than Miss Cooper. They have 3526 altogether . Both teachers need to grow up as they both have collections in the thousands. Miss Cooper has an odd Number of teddies. Mr Thurlby has a collection that he can separate into 3 equal groups. How many could each adult have? Various answers e.g Miss Cooper has 1375 Mr Thurlby has 2151.

Investigation

Today we are going to be investigating consecutive numbers. First thing we need to discuss is

What are consecutive numbers?

We are going to add a set of 3 digit consecutive numbers to its inverse for example $123+321$. What happens? Will this happen with other sets of consecutive numbers?

Now try it with 4 digit and 5 digit numbers does the same happen?

Now lets try it with subtracting 3 digit consecutive numbers.

Remember to subtract the smaller number from the bigger number for example $432-234$. What happens? Does the same happen with 4 digit numbers and 5 digit numbers.



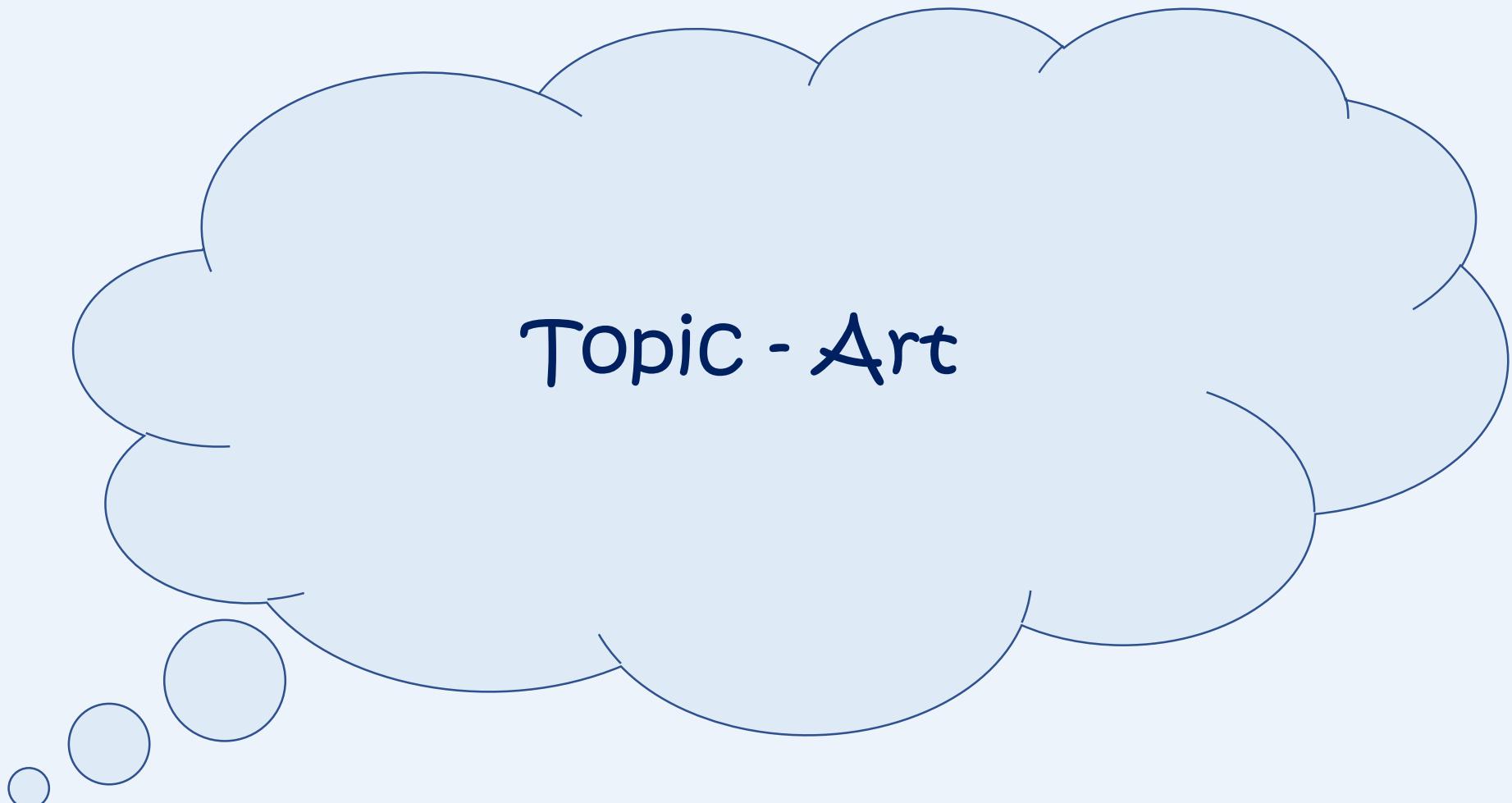
Reading

- Independent reading

When choosing an independent reading book, make sure the book is one you can read over a prolonged period of time.

Choose one that will challenge you as a reader and will help you to make reading progress.

Why not try a new author someone whose work you haven't read before?



Topic - Art

GRAFFITI ART



What is Graffiti?



Art Or Vandalism?..

Graffiti has been around for longer than you might think.....from ancient Cave art of the aborigines.



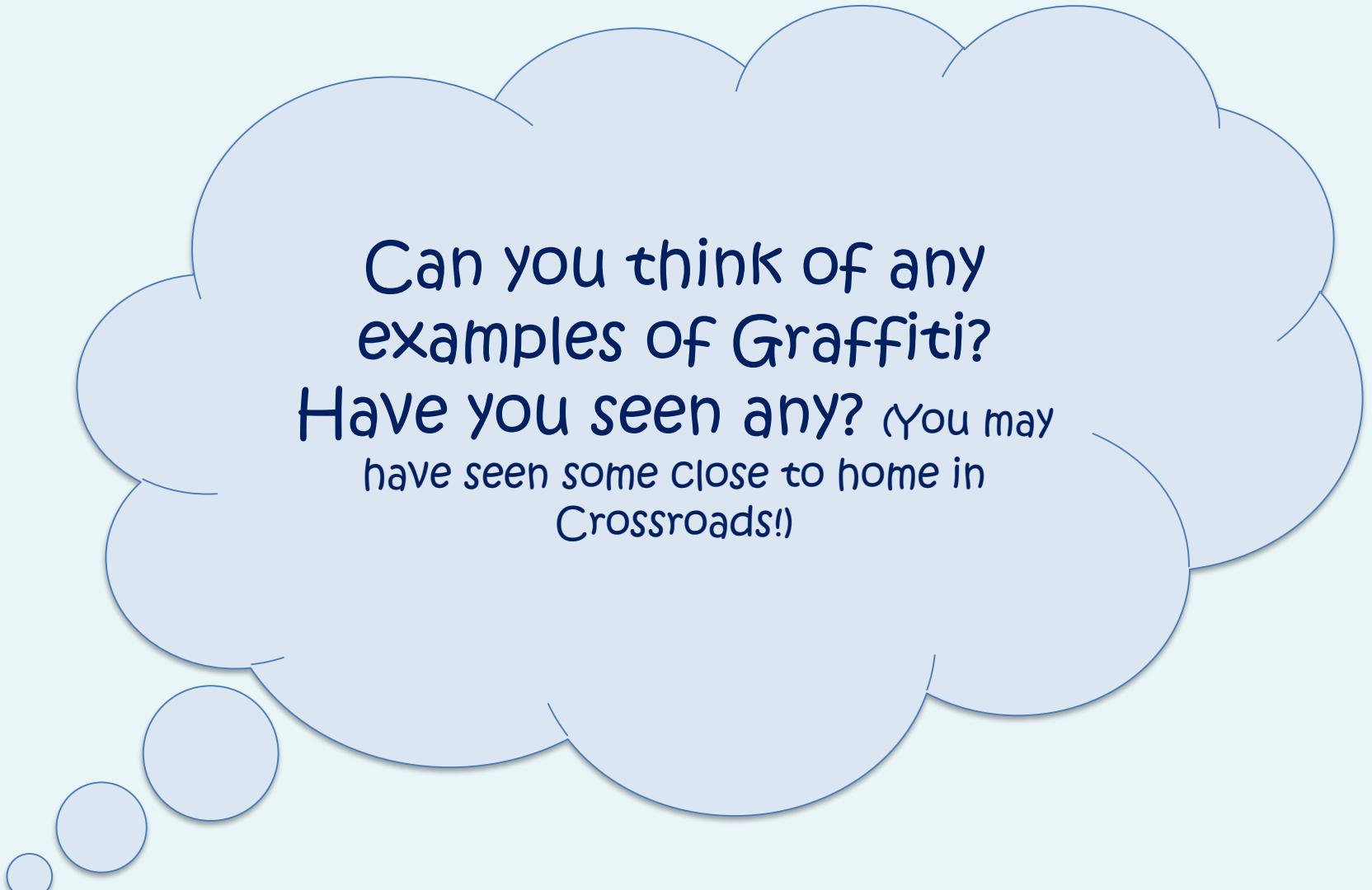
To the modern day
Graffiti seen in all cities
and towns...



Graffiti has been viewed more as an act of vandalism than a work of art, but over recent years it has become more appreciated as public art.

Graffiti artists such as the Mysterious “Banksy” (Identity unknown) have promoted Graffiti as art...





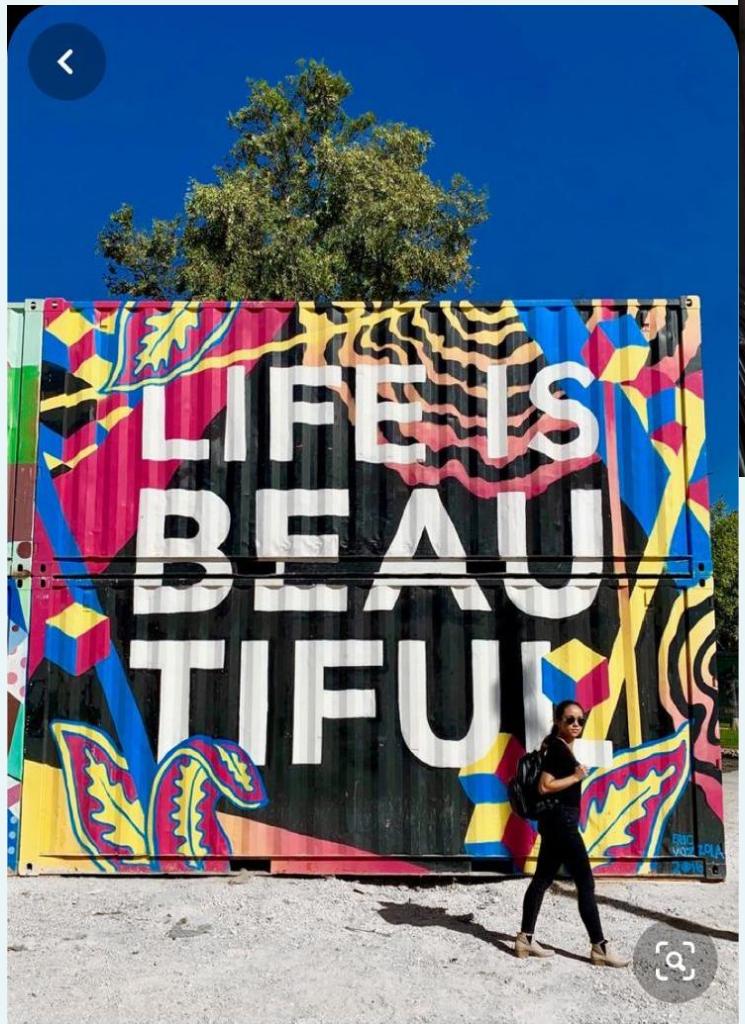
Can you think of any
examples of Graffiti?
Have you seen any? (You may
have seen some close to home in
Crossroads!)

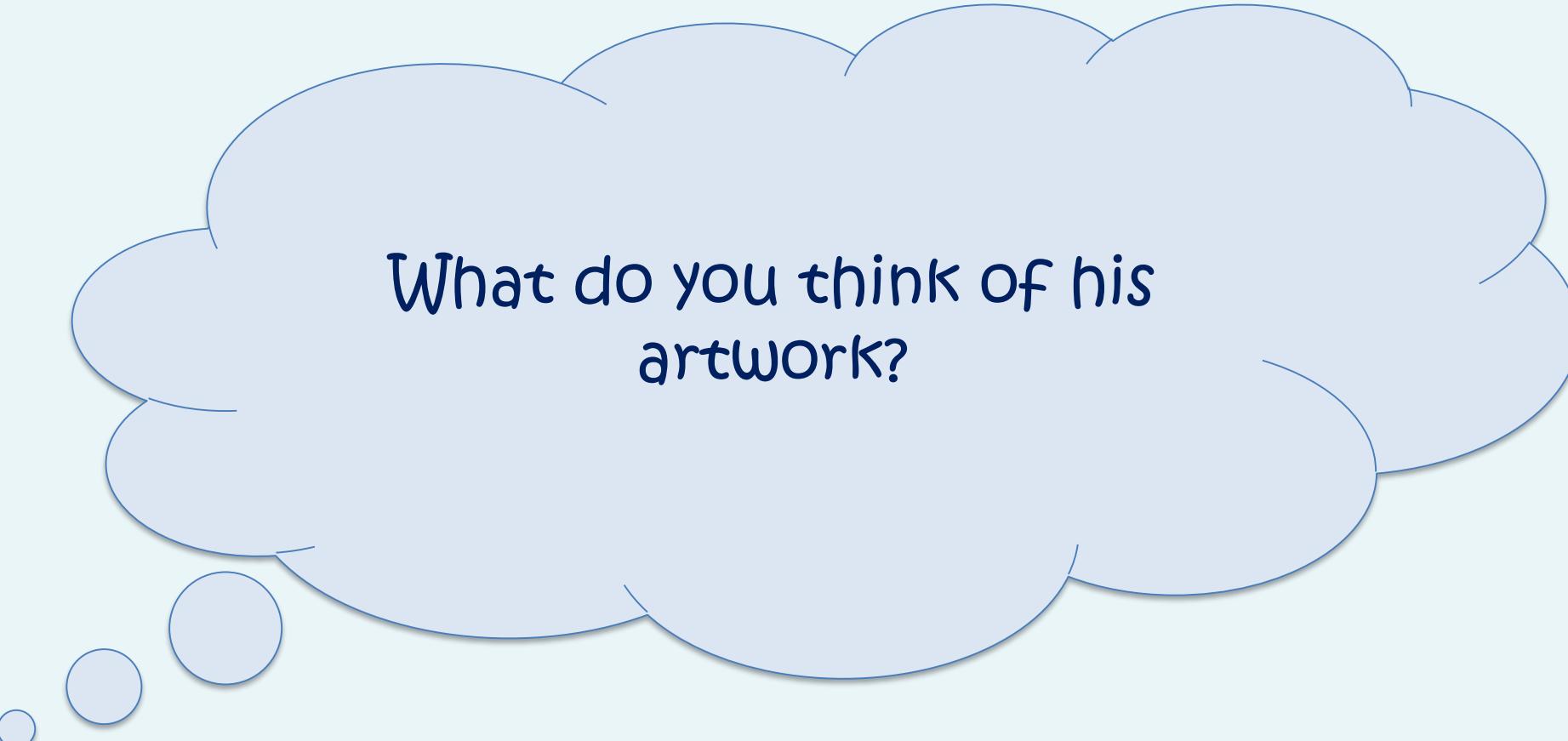


Who is Banksy?

Banksy is a famous - but anonymous - British graffiti artist. He keeps his identity a secret. Although a lot of his art is produced in public places, he usually only reveals it's his after it has appeared on his social media. A lot of his art is done in a particular style which people can easily recognise.







What do you think of his
artwork?

We are going to create our own Inspirational Graffiti art!

- Be as simple or as complex as you want.
- There are websites that you can experiment with such as www.graffiticreator.net You could use this site as a starting point then develop your own style.
- Think about how your artwork will inspire others.

Tuesday



PSHE
- 5 ways to wellbeing
project



Safety Caring Achievement Resilience Friendship



Take Notice

- What does this mean?
- How does it contribute to a healthy lifestyle?
 - How do you do this?

Keep Learning

- What does this mean?
- How does it contribute to a healthy lifestyle?
 - How do you do this?

Connect

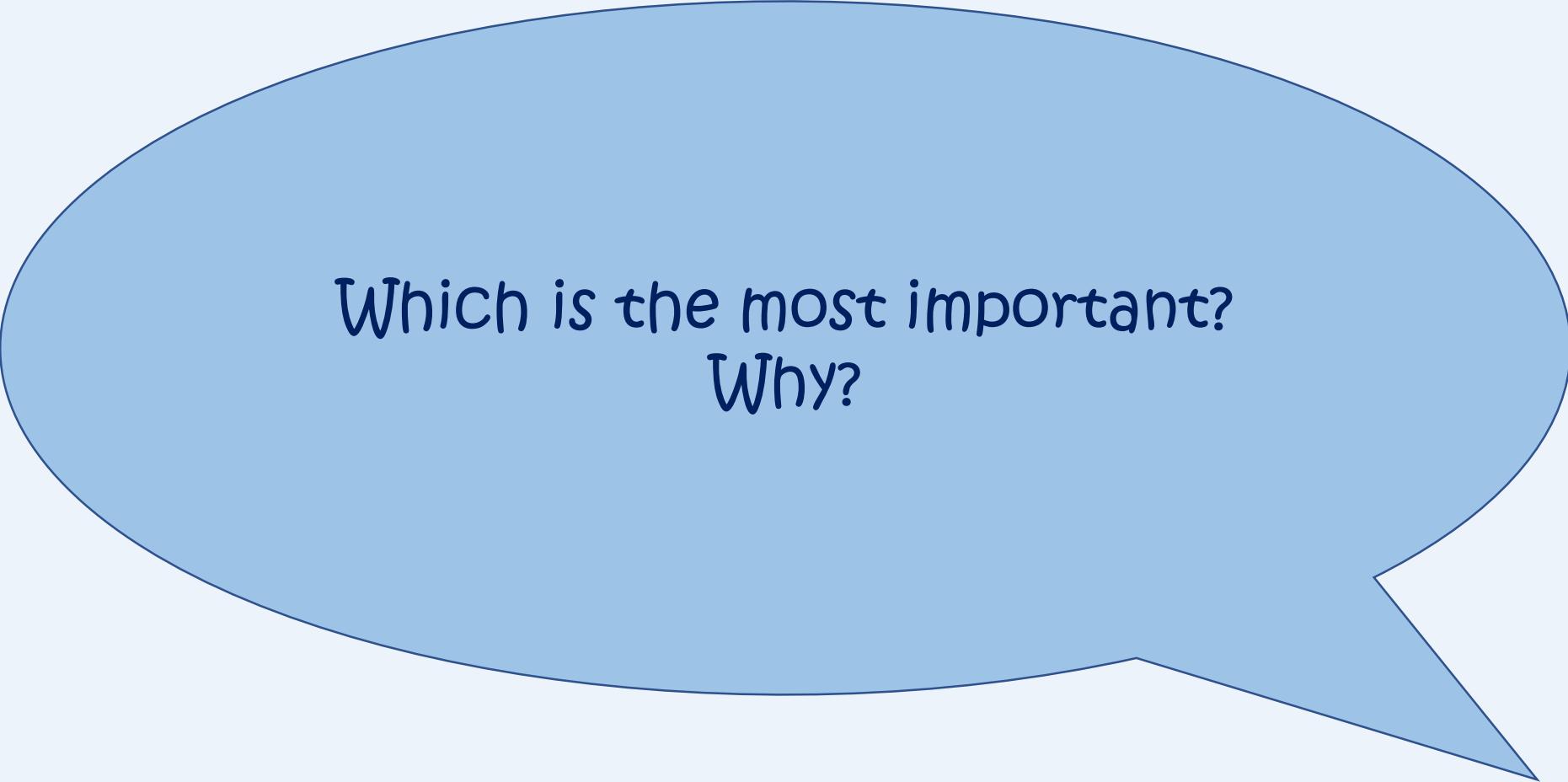
- What does this mean?
- How does it contribute to a healthy lifestyle?
 - How do you do this?

Give

- What does this mean?
- How does it contribute to a healthy lifestyle?
 - How do you do this?

Be Active

- What does this mean?
- How does it contribute to a healthy lifestyle?
 - How do you do this?

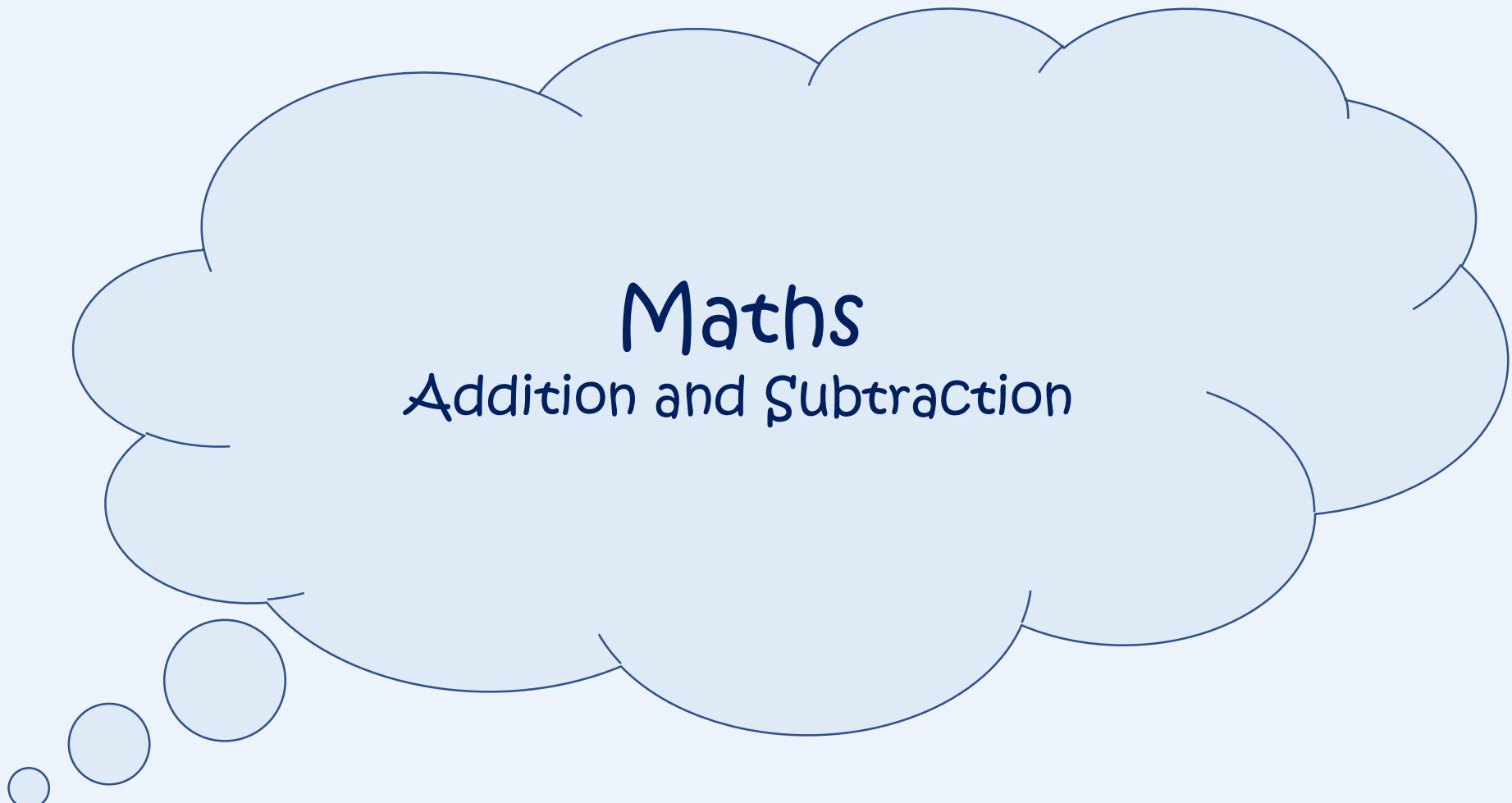


Which is the most important?
Why?

We are going to create a mini documentary to introduce the Five Ways to a new audience! You will need to:

- Outline each of the ways
- Give examples of how to do each
- Make your documentary fun and exciting

Can you create quizzes, interviews or activities for your audience?



Maths

Addition and Subtraction

Warm up

Show us some calculations to prove your answer:

Adding two 4-digit numbers will always give you a 4-digit answer.

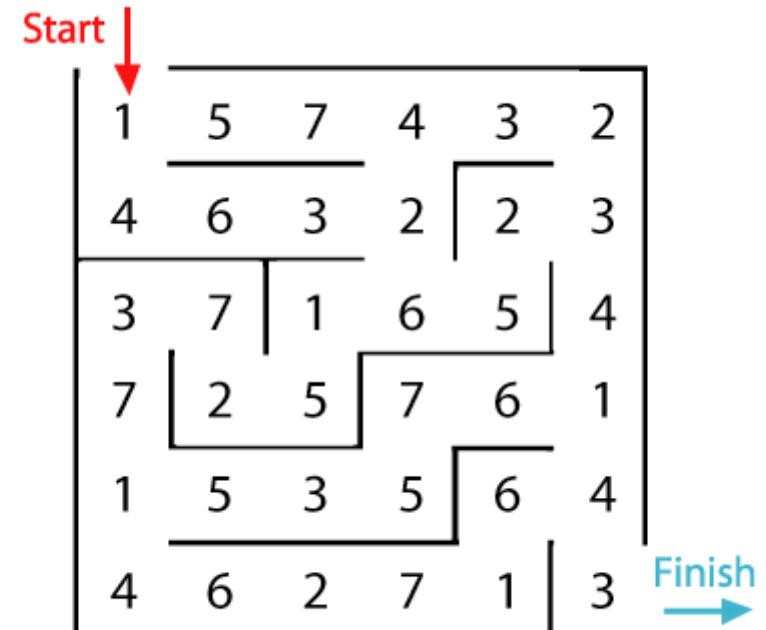
Continuing from Monday...

Investigation 1 - The maze of doom.

- Can you make it all the way through the maze by adding the numbers?

You cannot go above 100.

- Can you get exactly 100?
- Can you make a 2 digit number maze for others to have a go at?
- What limit should we put on this maze?



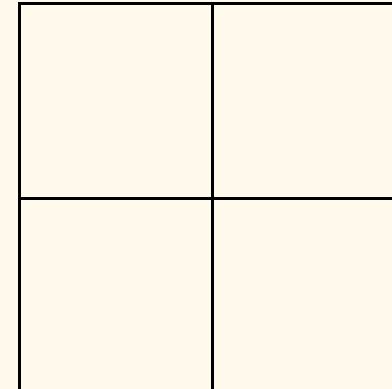
Activity 2: The boxes of doom.

This activity involves adding 4 numbers. The aim of the activity is to reach the target of 100.

In the example the digits 5,2,1 and 9 are used. This creates numbers vertically and horizontally (52 and 19 horizontally and 51 and 29 vertically). Added together they make 151.

- Can you find the digits that make 100?

Here is a grid of four "boxes":



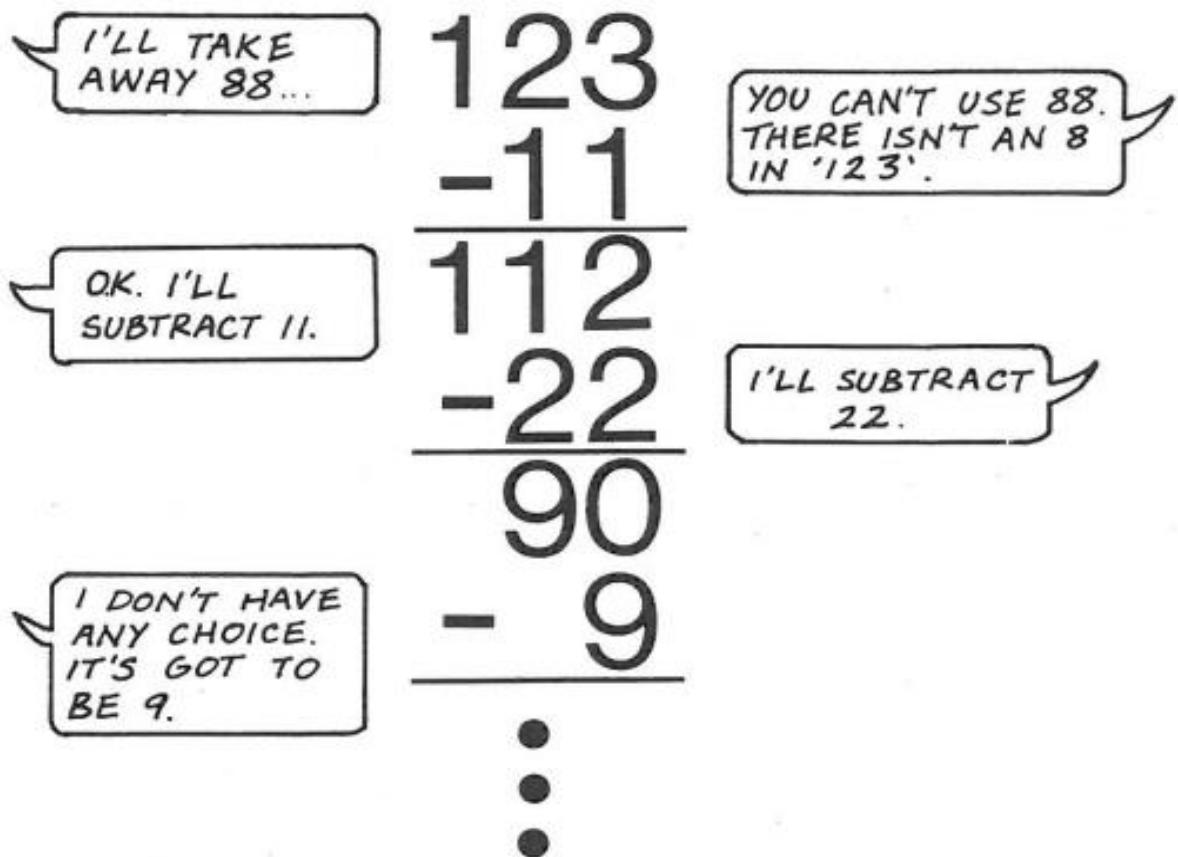
You must choose four different digits from 1 – 9 and put one in each box. For example:

5	2
1	9

Subtraction game

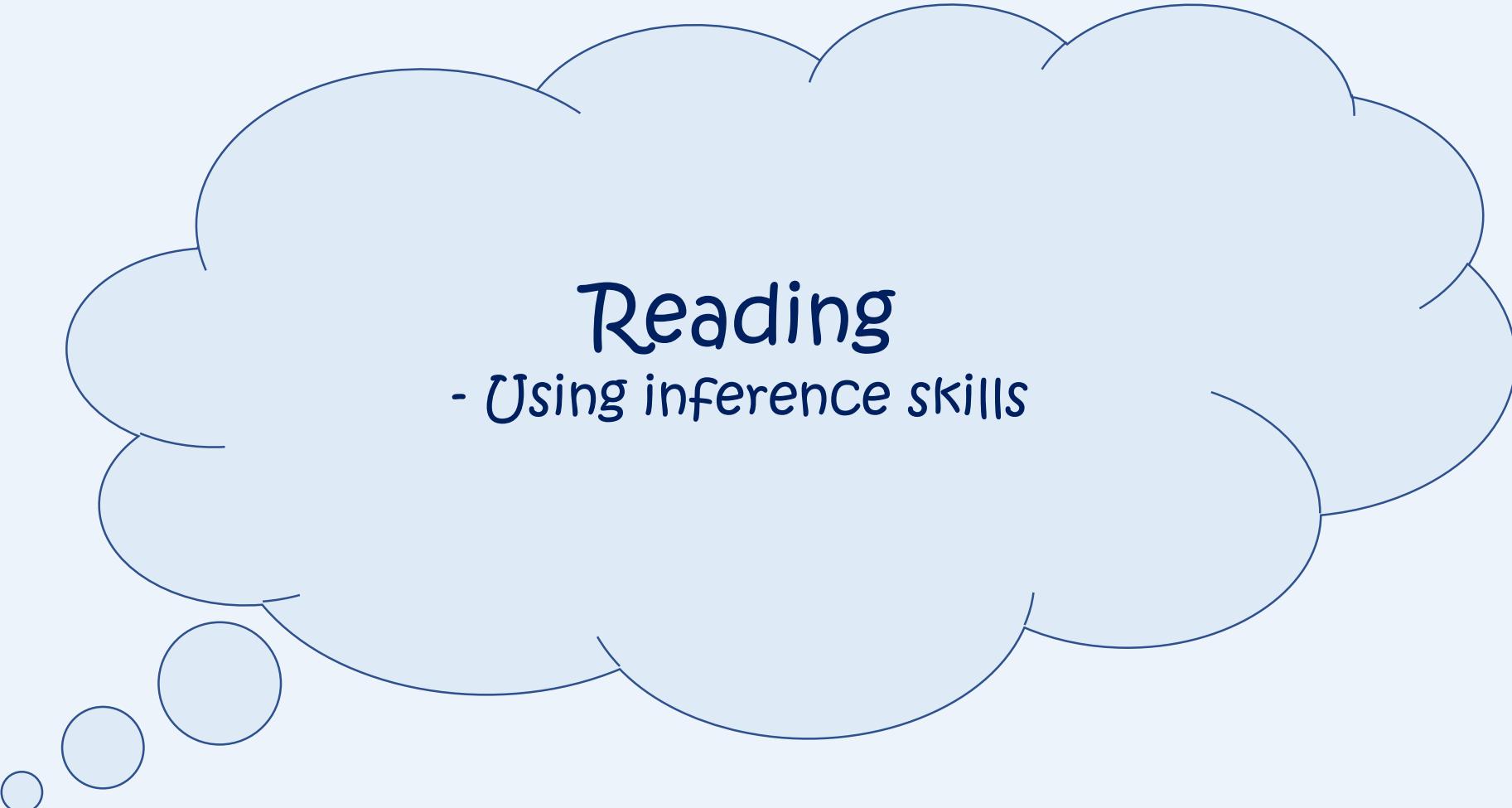
-to be played in a pair.

Starting with 123, players take turns to subtract numbers. The winner is the first player to reach zero.



The first player could choose 33 or 2 or 111 or ... The numbers which are subtracted must be made from **one** of the digits in the last answer.

You are not allowed to subtract 0.

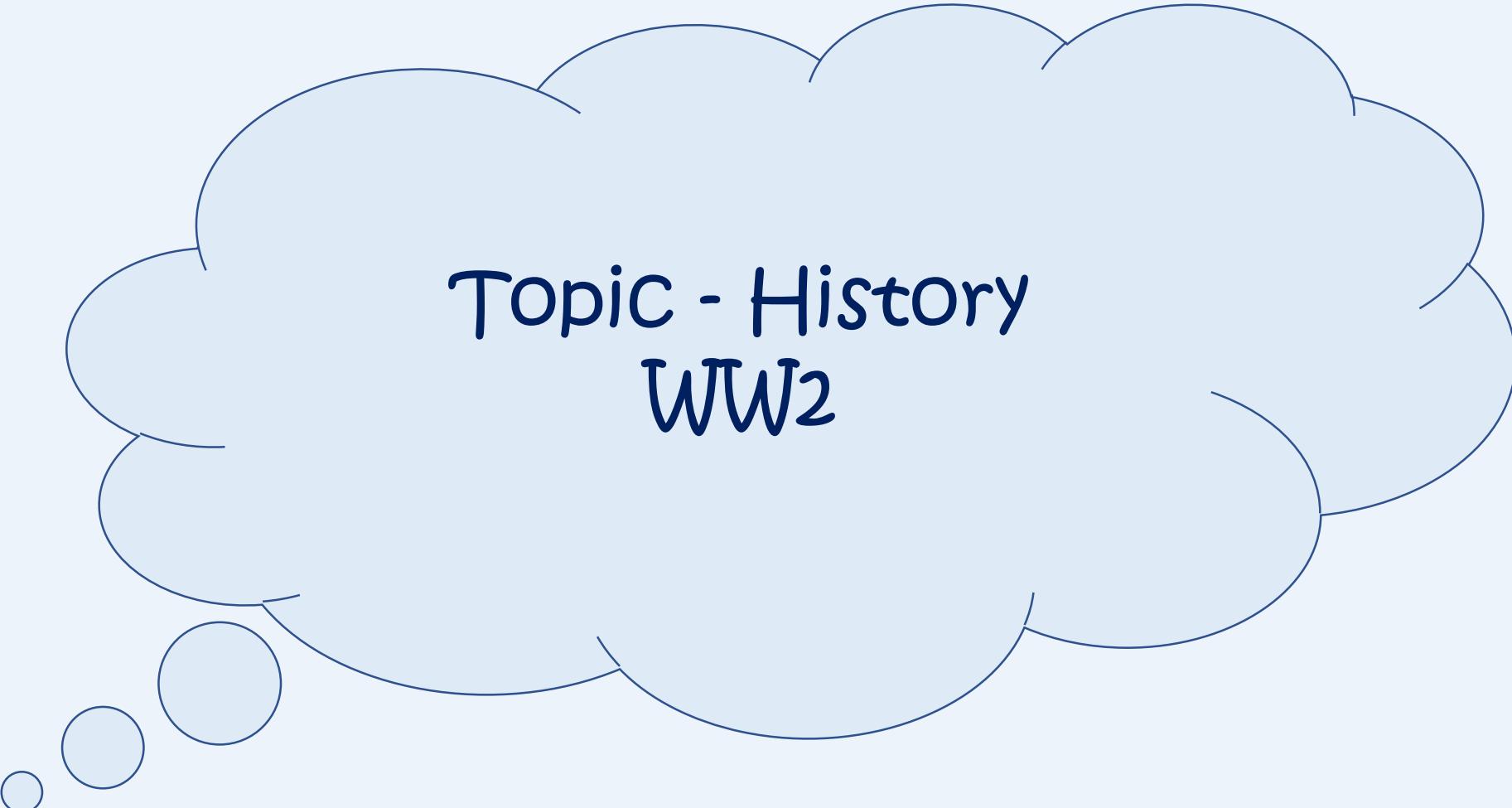


Reading

- Using inference skills

Today we will continue to read our books, however, we will also be searching for words and phrases used to describe characters' thoughts and feelings.

Remember to record your findings.



Topic - History
WW2



What do you already
know about WW2?

- Find the missing dates/events.
- Put them into chronological order.
- Write the events on your timeline. (Look carefully at the layout of your timeline before adding the information).
Can you draw a supporting picture?

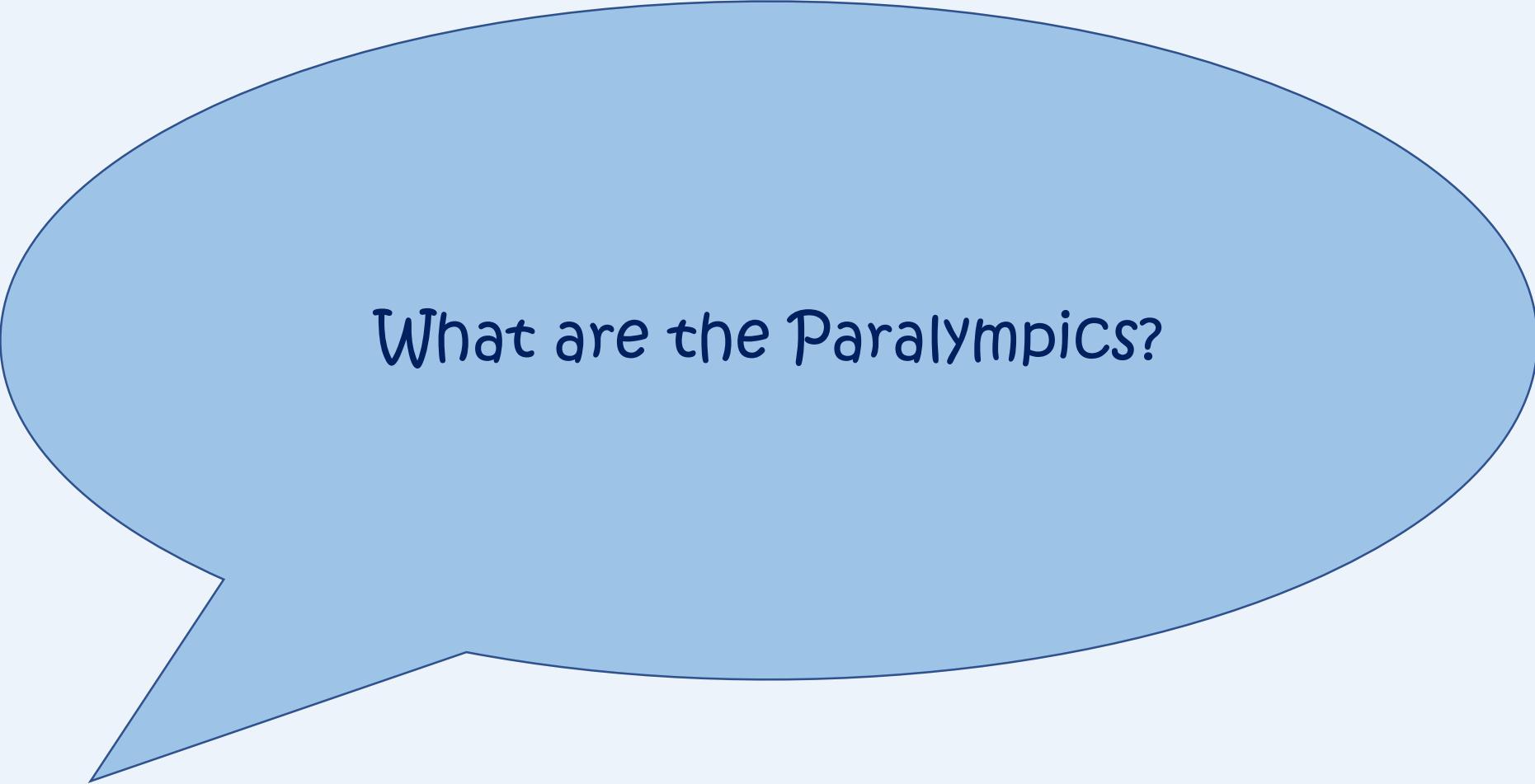
Wednesday



English
- Research

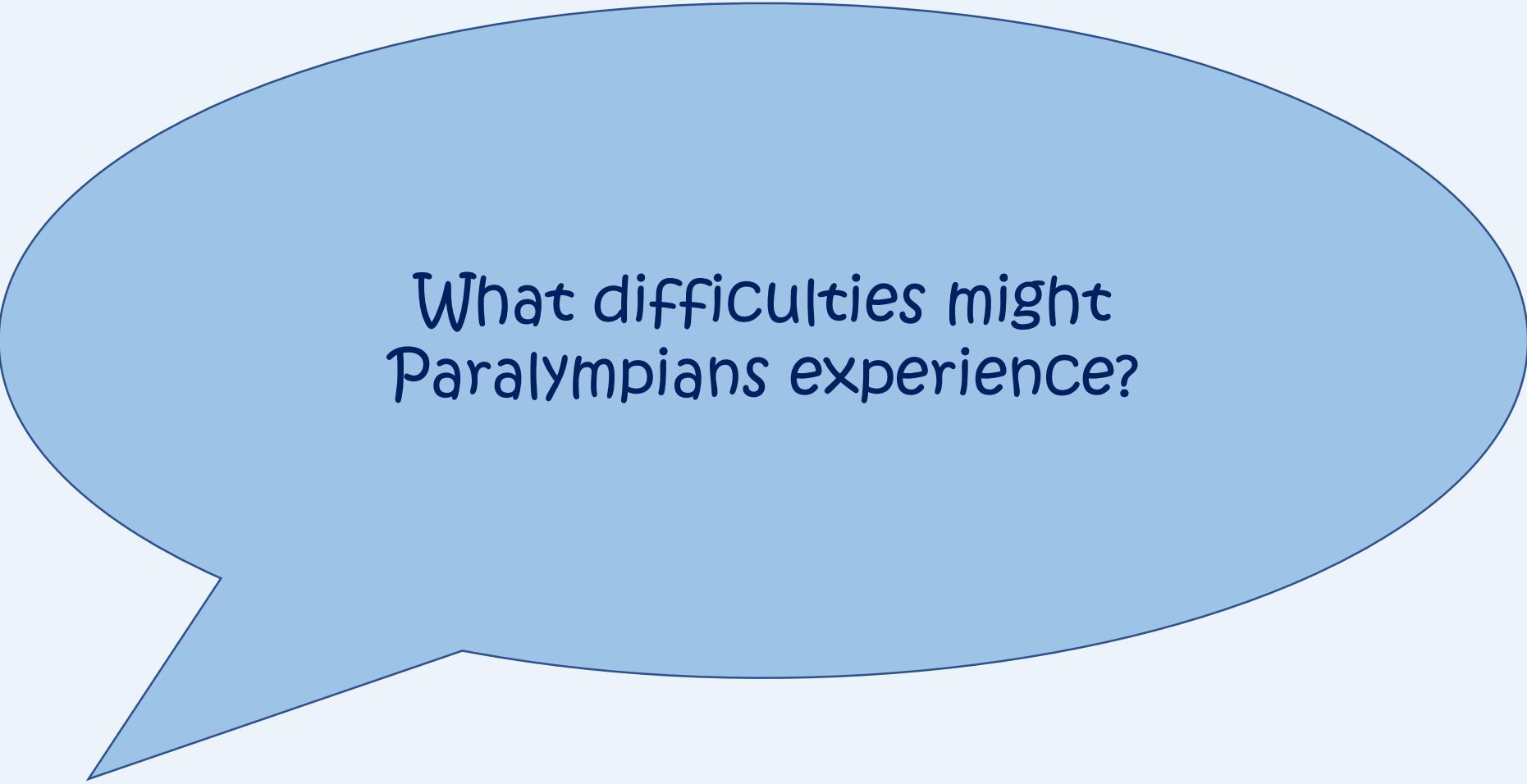
Watch the following video on inspirational Paralympians:

https://www.youtube.com/watch?v=8vlEJBBj12k&fbclid=IwAR3-JnwkEP1ESE-hBCi6bhs_whxA_I4o2wLbaujkr8ITAd_wbahWRzIPzaA



What are the Paralympics?

Do you know the names of any
Paralympians? What sport do they
play?



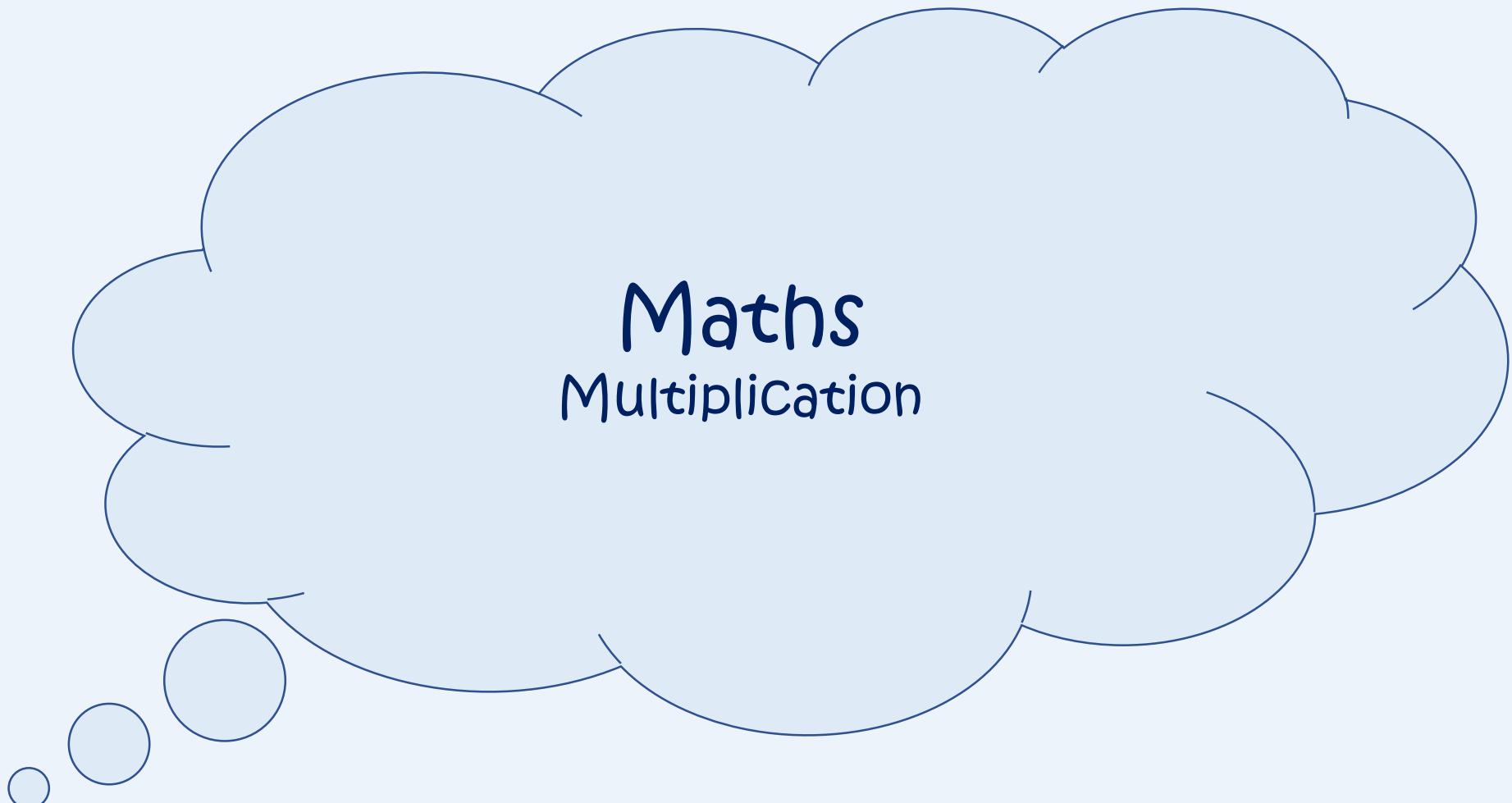
What difficulties might
Paralympians experience?

Choose a Paralympian who inspires you!

- What sport do they play?
- What disability do they have? How does this affect them?
- What they have won?

Find out as much information about this Paralympian as possible, ready for tomorrow's task!

Think carefully about the information people would want to know about them. What would you like to know?



Maths

Multiplication

Multiplication using the column method.

I can use the formal method to multiply increasingly large values.

Hot

1. $32 \times 41 =$
2. $53 \times 32 =$
3. $61 \times 28 =$
4. $76 \times 45 =$

Hotter

1. $345 \times 54 =$
2. $517 \times 34 =$
3. $234 \times 57 =$
4. $457 \times 39 =$

Super spicy

1. $3222 \times 35 =$
2. $1438 \times 46 =$
3. $5678 \times 92 =$
4. $4486 \times 57 =$

Multiplication using the column method.

Answers

Hot

1. $32 \times 41 = 1312$
2. $53 \times 32 = 1696$
3. $61 \times 28 = 1708$
4. $76 \times 45 = 3420$

Hotter

1. $345 \times 54 = 18,630$
2. $517 \times 34 = 17,578$
3. $234 \times 57 = 13,338$
4. $457 \times 39 = 17,823$

Super spicy

1. $3222 \times 35 = 112,770$
2. $1438 \times 46 = 66,148$
3. $5678 \times 92 = 522,376$
4. $4486 \times 57 = 255,702$

1. Mrs. Andrews gives three of her children a calculation each.



Amita

$$\begin{array}{r} 2 \\ \times 2 \\ \hline 1 \end{array}$$



Barbara

$$\begin{array}{r} 3 \\ \times 1 \\ \hline 2 \end{array}$$



Clive

$$\begin{array}{r} 1 \\ \times 2 \\ \hline 3 \end{array}$$

Hot

Which pupil has the largest answer?

1. Mrs. Andrews gives three of her children a calculation each.



Amita

$$\begin{array}{r} 1 \\ 3 \\ \times 2 \\ \hline 1 \end{array}$$



Barbara

$$\begin{array}{r} 2 \\ 1 \\ \times 1 \\ \hline 3 \end{array}$$



Clive

$$\begin{array}{r} 9 \\ \times 2 \\ \hline 1 \end{array}$$

Hotter

Order the calculations from smallest to largest.



Albie

$$\begin{array}{r} 4 \\ 2 \\ \times 3 \\ \hline 1 \end{array}$$



Becky

$$24 \times 5,234$$



Candice

Two thousand, eight hundred and sixty-five multiplied by 42

Spicy

Order the calculations from smallest to largest.

1b. Use all of the digit cards in the calculation below to make the closest possible number to 45,000.

0 4 2

$$\begin{array}{r} 2,1 \quad \boxed{} \quad \boxed{} \\ \times \quad \boxed{} \quad 1 \\ \hline \end{array}$$

C: Use all of the digit cards in the calculation below to make the closest possible number to 240,000.

7 6 4

$$\boxed{} \quad \boxed{} \quad 2 \ 5 \quad \times \quad 3 \quad \boxed{}$$

5. A bakery sells boxes of cupcakes. There are 16 cupcakes in a box.

Last year, the bakery sold 1,521 boxes. How many cupcakes did they sell?



The bakery also sells muffins with sprinkles on the top. In one month, they used 2,138 sprinkles.

How many sprinkles will they use in the whole year?

This represents the multiplication of a 4-figure number by 3.

$$\begin{array}{r} * * * * \\ \times \quad \quad \quad 3 \\ \hline * * * * * \end{array}$$

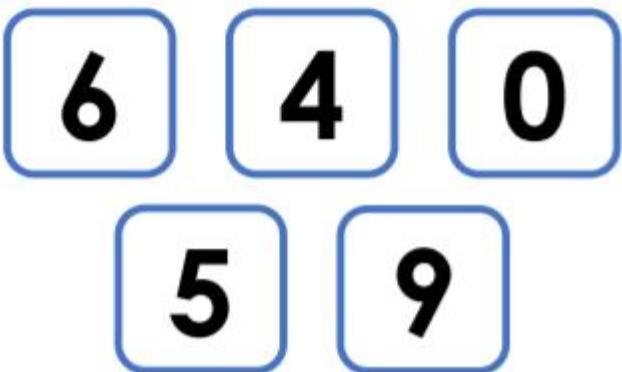
The whole calculation uses each of the digits 0 – 9 once and once only.

The 4-figure number contains three consecutive numbers, which are not in order.
The third digit is the sum of two of the consecutive numbers.

The first, third and fifth figures of the five-digit product are three consecutive numbers, again not in order. The second and fourth digits are also consecutive numbers.

Can you replace the stars in the calculation with figures?

2. Alfie uses the digit cards to complete the calculation below.



$$\begin{array}{r} 2 \square 3 \square \\ \times \quad \square 7 \\ \hline \end{array}$$

He says,



The answer must be between 130,000 and 140,000.
Explore which digits I could use in the calculation.



This challenge is a game for two players. The first player chooses two numbers in this grid and either multiplies or divides them.

100	25	5
10	2	36
12	4	3

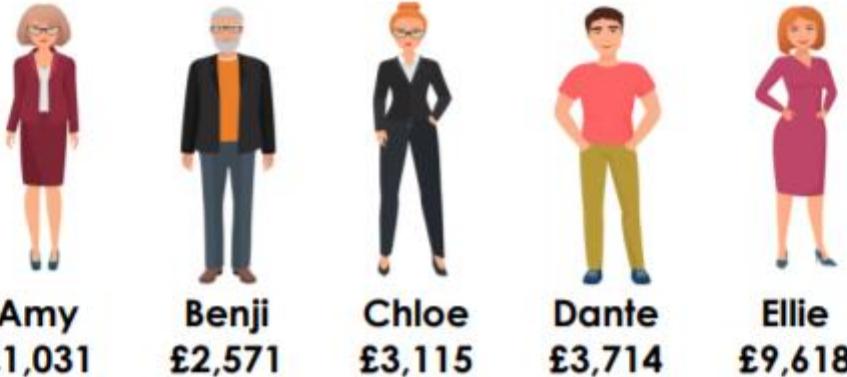


He or she then marks the answer to the calculation on the number line. The second player then chooses two numbers and either \times or \div , and marks that number in a different colour on the number line.

If the answer is too big or too small to be marked on the number line, the player misses a go.

The winner is the player to get four marks in a row with none of their opponent's marks in between.

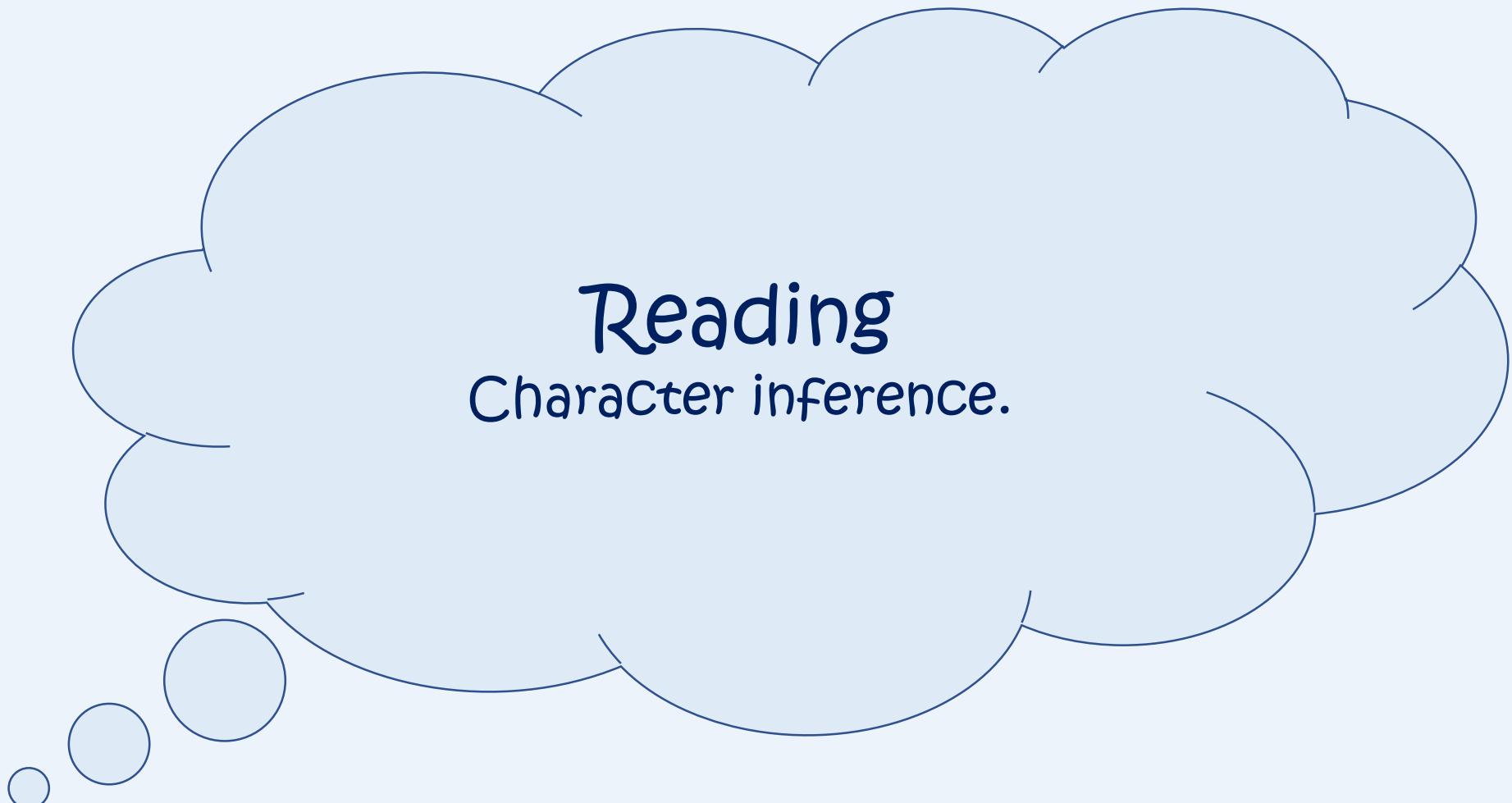
1. The amounts of money saved by five people have been ordered from smallest to greatest below.



The computer at their bank malfunctions, and each amount is then multiplied by a different 2-digit number between 10 and 60. The new order is shown below.



Investigate what the different 2-digit numbers could have been.



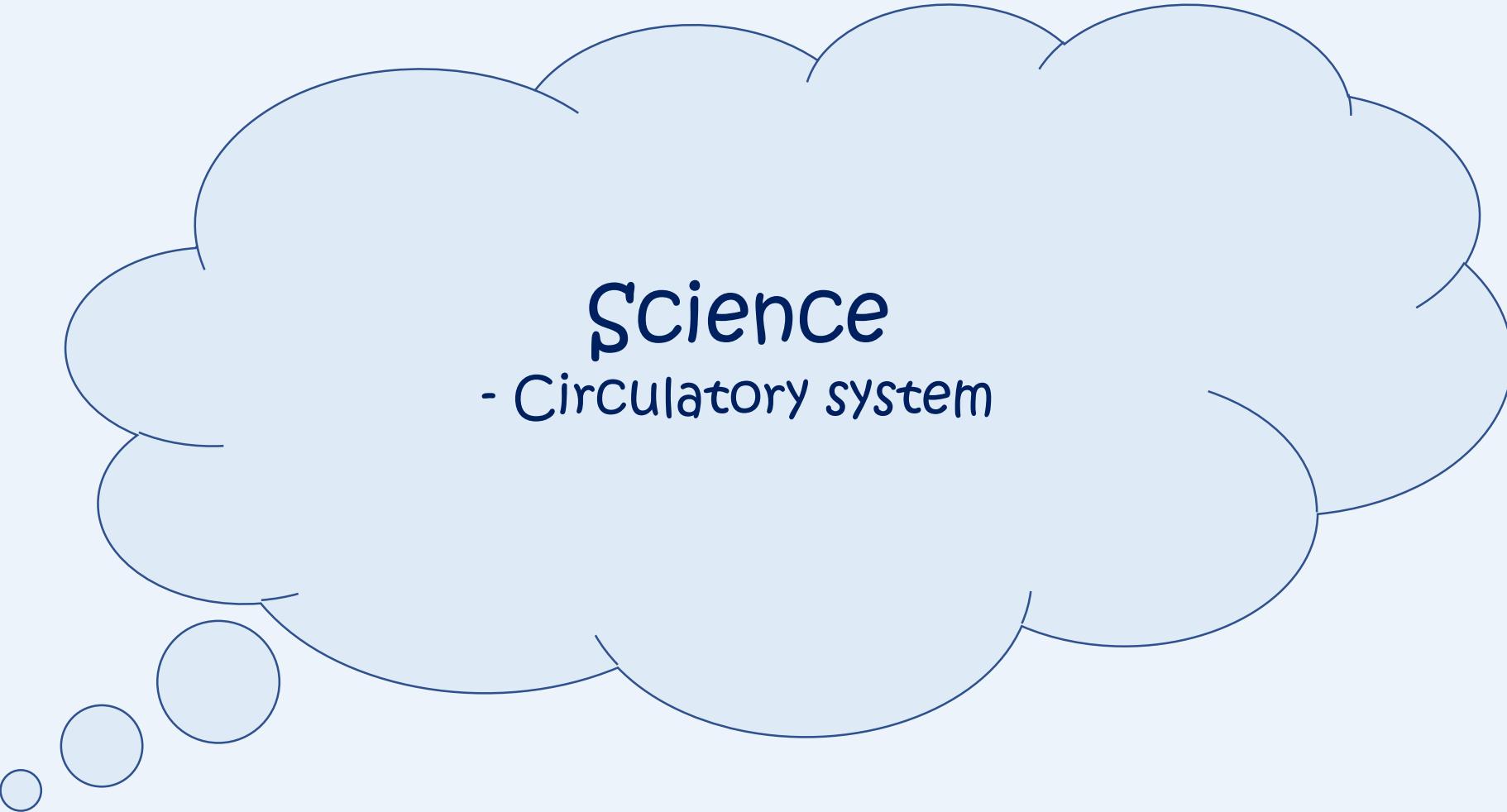
Reading
Character inference.

Watch the following clip:

<https://www.literacyshed.com/megacity.html>

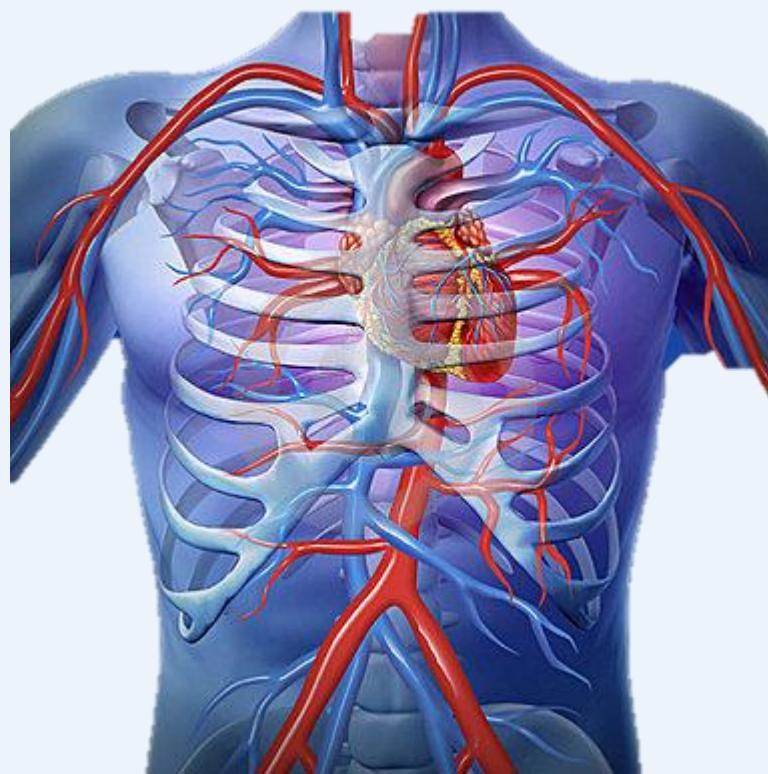
Gather words to describe the character involved.

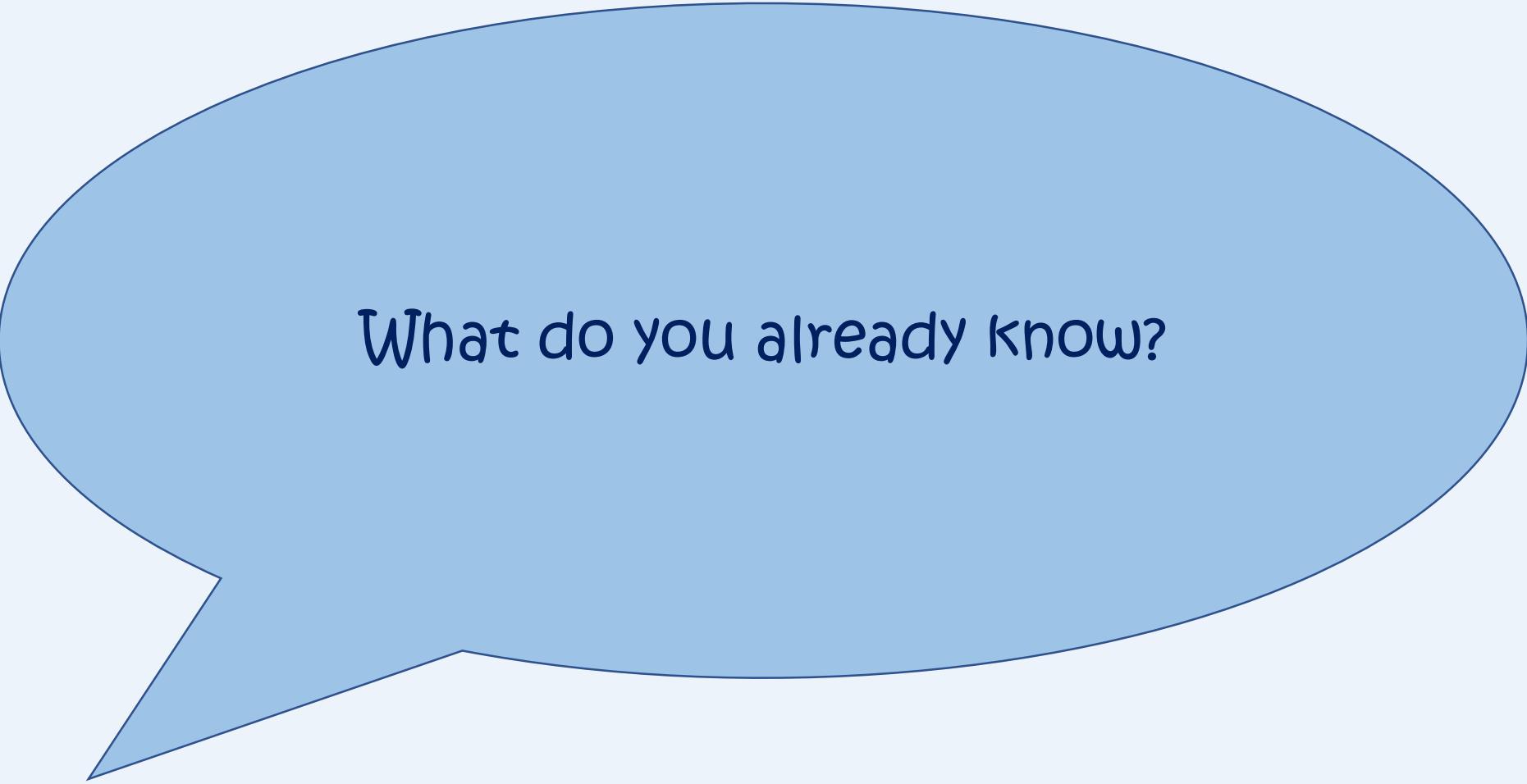
Use your information to write a description of the character.



Science
- Circulatory system

I can outline the main parts of the circulatory system .

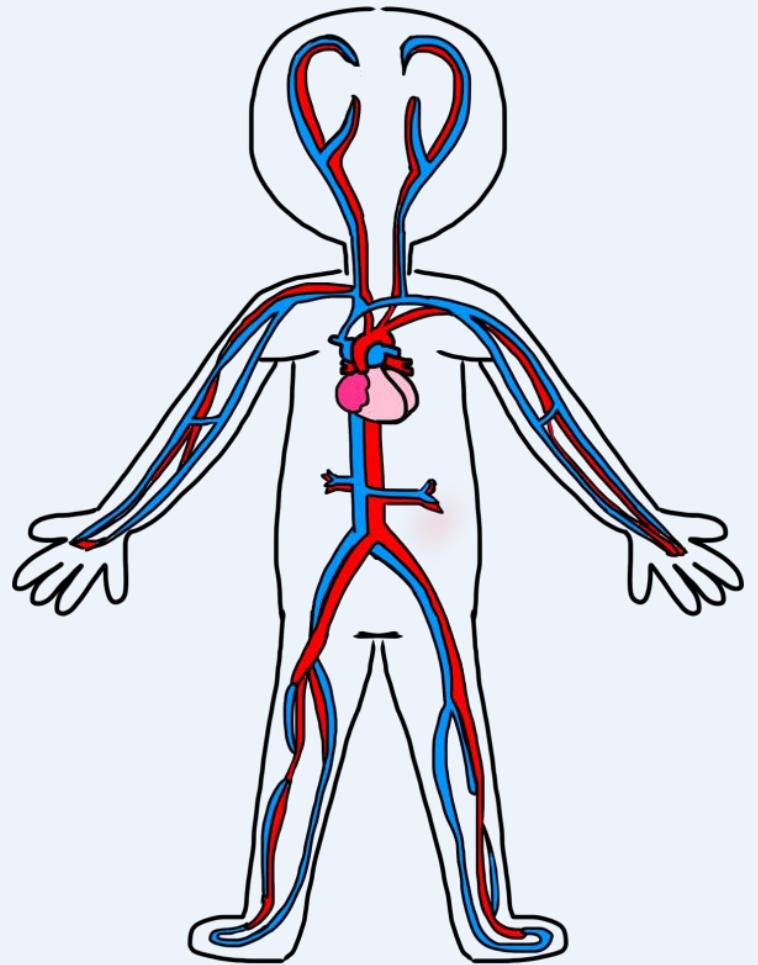




What do you already know?

It is the system that circulates blood around the body of humans and most other animals.

The main function of the circulatory system in humans is to deliver oxygen and nutrients to all parts of the body and to remove waste.

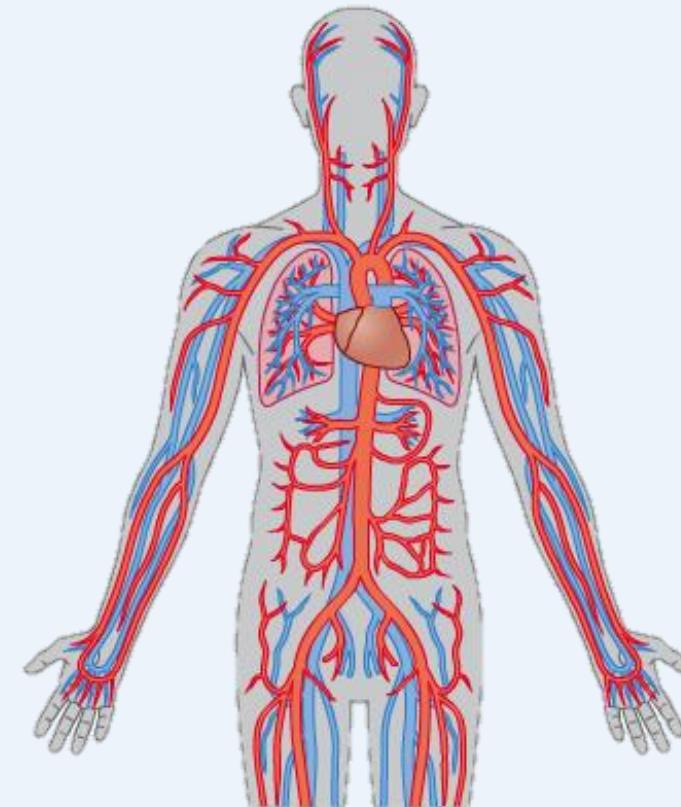


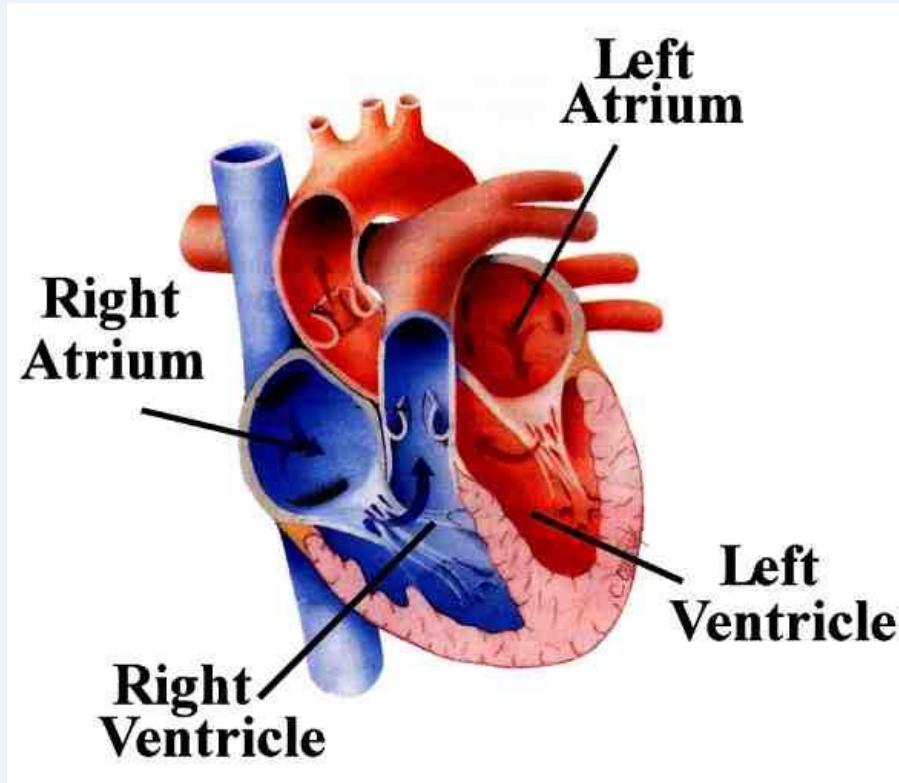
The human circulatory system consists of the heart which acts as a pump, and the blood vessels in which the blood flows.

We distinguish between:

Arteries in which blood flows away from the heart;

Veins in which blood flows back to the heart.





There are Four chambers in the heart.

There are two chambers on each side.

One chamber is on the top and one chamber is on the bottom.

Why are there two separate sides?

The Heart



Your heart is sort of like a pump, or two pumps in one:

The Right side of your heart receives blood from the body and pumps it to the lungs.

Deoxygenated blood

“Oxygen-poor”
Mainly found in veins

The Left side of the heart does the exact opposite: It receives blood from the lungs and pumps it out to the body.

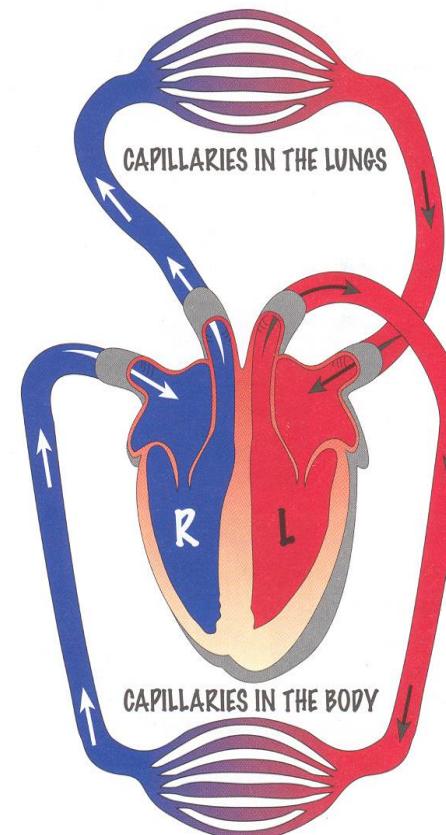
Oxygenated blood -

“Oxygen- rich”
Mainly found in arteries

The Heart is a DOUBLE PUMP

- 1 - blood is pumped to the lungs & returns to the heart,
- 2 - blood is pumped to respiring muscles & back to the heart again

1. Deoxygenated blood is pumped from the heart to the lungs.



2. The blood receives oxygen and is pumped back to the heart

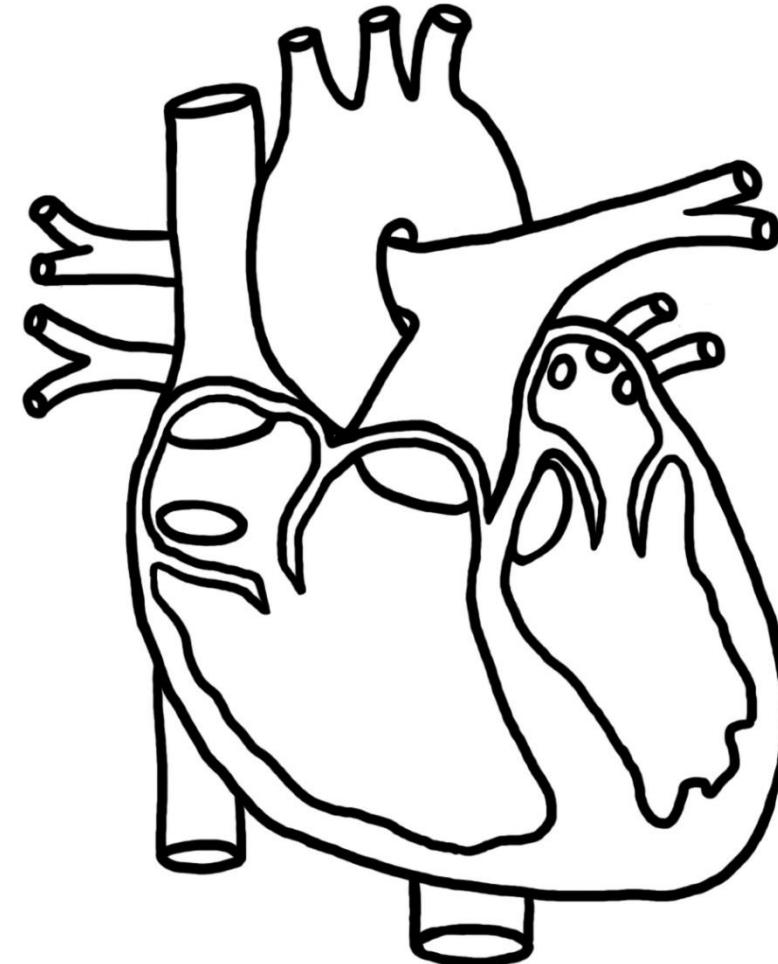
4. The oxygen leaves the blood to be used for respiration in the body and the blood goes back to the heart.

3. The oxygenated blood is then pumped to the rest of the body

What goes where?

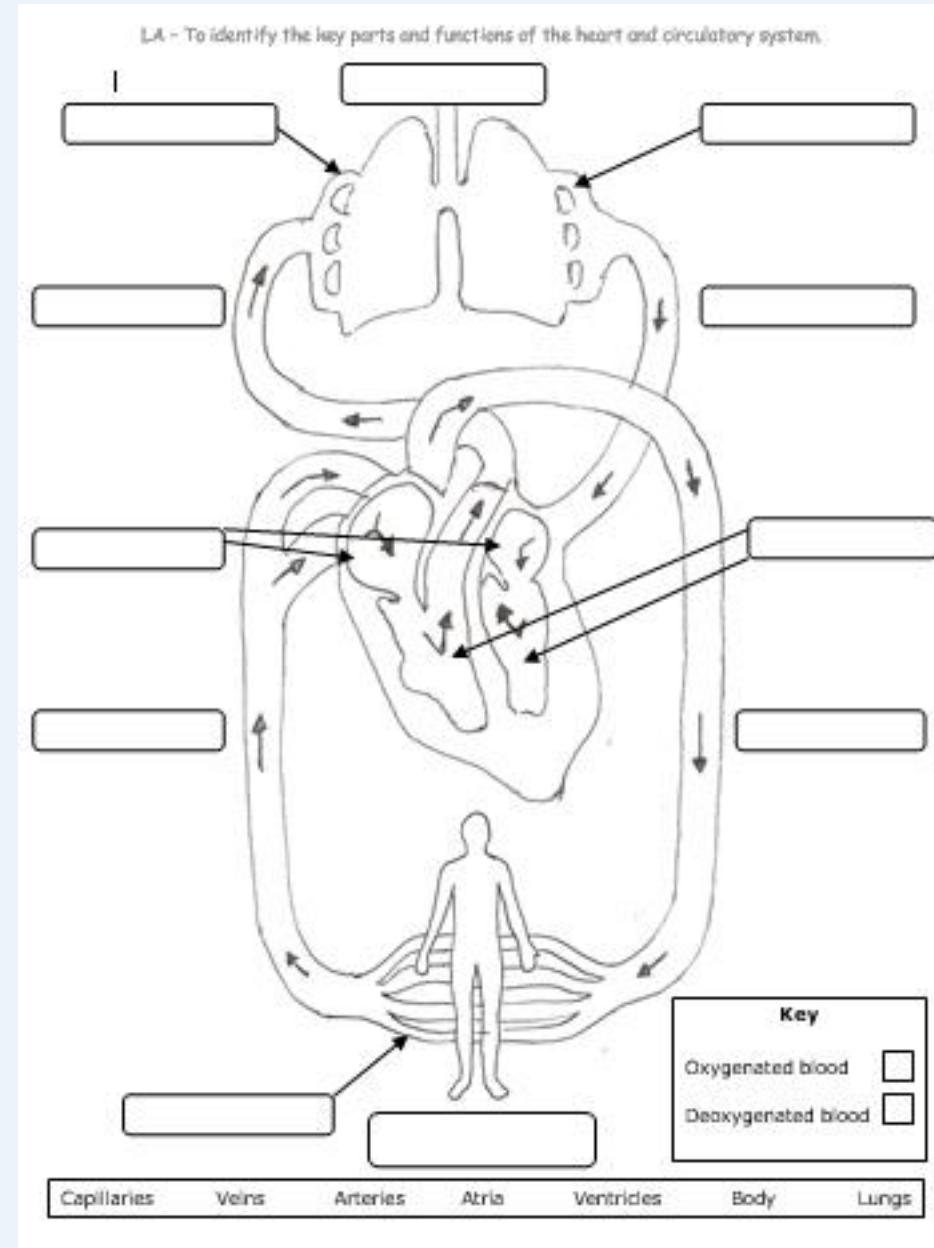
Can you label the heart?

What are the four chambers called?



Label the following diagram.

Can you colour the blood to show if it is oxygenated or de-oxygenated?



Thursday



English

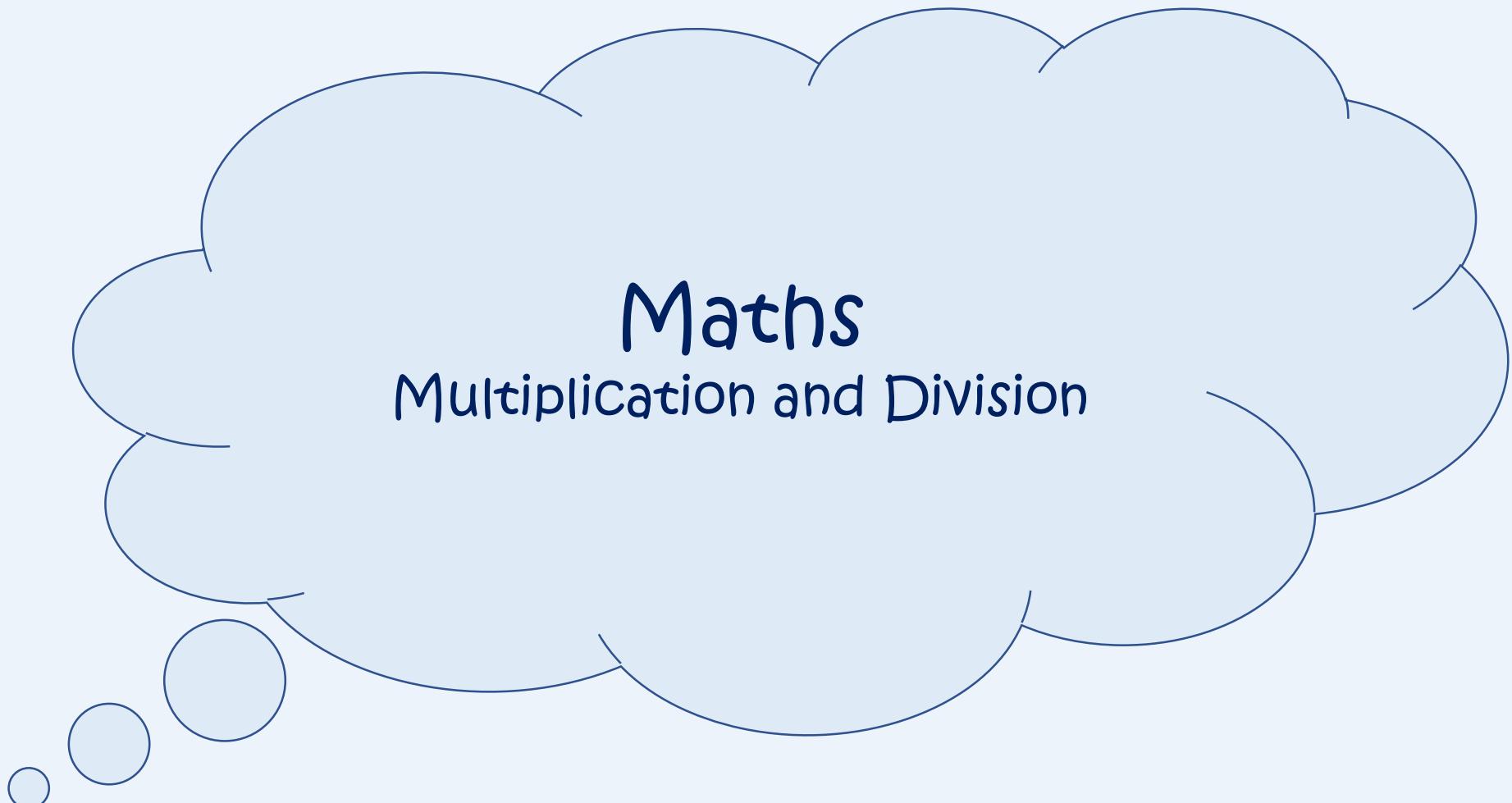
- Writing an interview

Today we are going to use the information we previously gathered to create a mock interview with our chosen Paralympian.

To start, we are going to hot seat with our peers (or family) to gather some useful questions.

- What questions may be useful to ask?
- What would people like to know about them?

Gather a bank of questions and use these to write your interview. You will have to use your information and your imagination to write your answers.



Maths

Multiplication and Division

Now have a go at the following questions using long division.

Hot

$$1. \ 366 \div 3 =$$

$$2. \ 255 \div 5 =$$

$$3. \ 648 \div 2 =$$

$$4. \ 121 \div 6 =$$

Hotter

$$1. \ 4824 \div 8 =$$

$$2. \ 7320 \div 9 =$$

$$3. \ 2430 \div 4 =$$

$$4. \ 8360 \div 8 =$$

Super spicy

$$1. \ 7824 \div ? = 1564 \text{ r}4$$

$$2. \ ? \times 8 = 19,648$$

$$3. \ ? \div ? = 462 \text{ r}4$$



3

Match each division to the remainder.

$756 \div 4$

r0

$757 \div 4$

r1

$758 \div 4$

r2

$759 \div 4$

r3

$760 \div 4$

r4

$756 \div 2$

$756 \div 3$

$756 \div 4$

$756 \div 5$

$756 \div 6$

r5



5

Work out the values of a , b , c and d .

1,386						
a	a	a	a	a	a	a

$$a = \boxed{}$$

b	b	b	b	b	b	b	b	b
3,339								

$$b = \boxed{}$$



7

Tommy is thinking of a number between 800 and 900

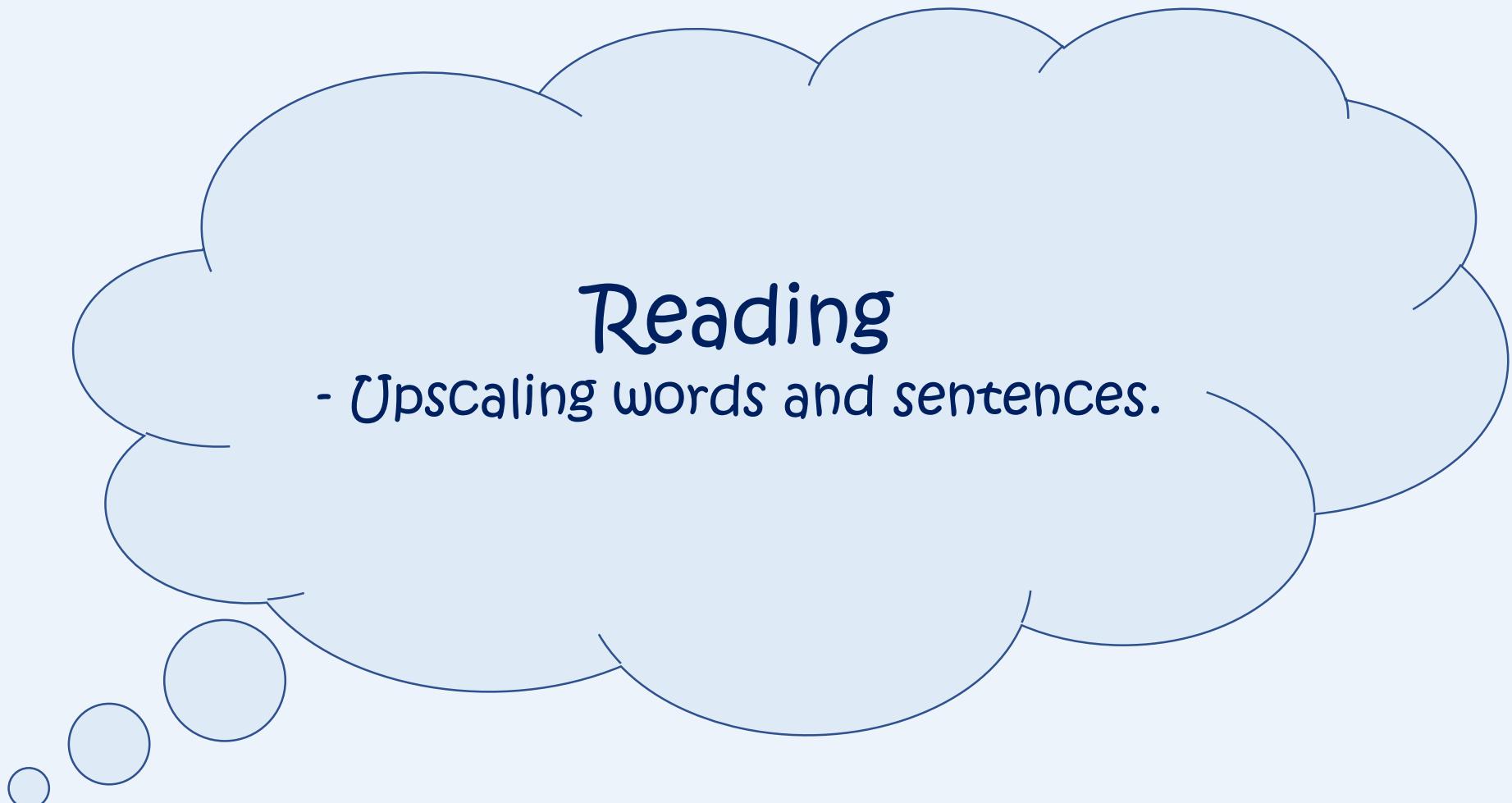
He divides it by 4 and there is a remainder of 1

He divides it by 5 and there is a remainder of 1

He divides it by 6 and there is a remainder of 1

He divides it by 7 and there is a remainder of 1

What is Tommy's number?



Reading

- Upscaling words and sentences.



Look at the sentences - Which words are used to describes the character's thoughts and feelings?

Harold stared longingly at his owner; he wondered why he looked so dejected.

Harold _____ at his owner; he
wondered _____.

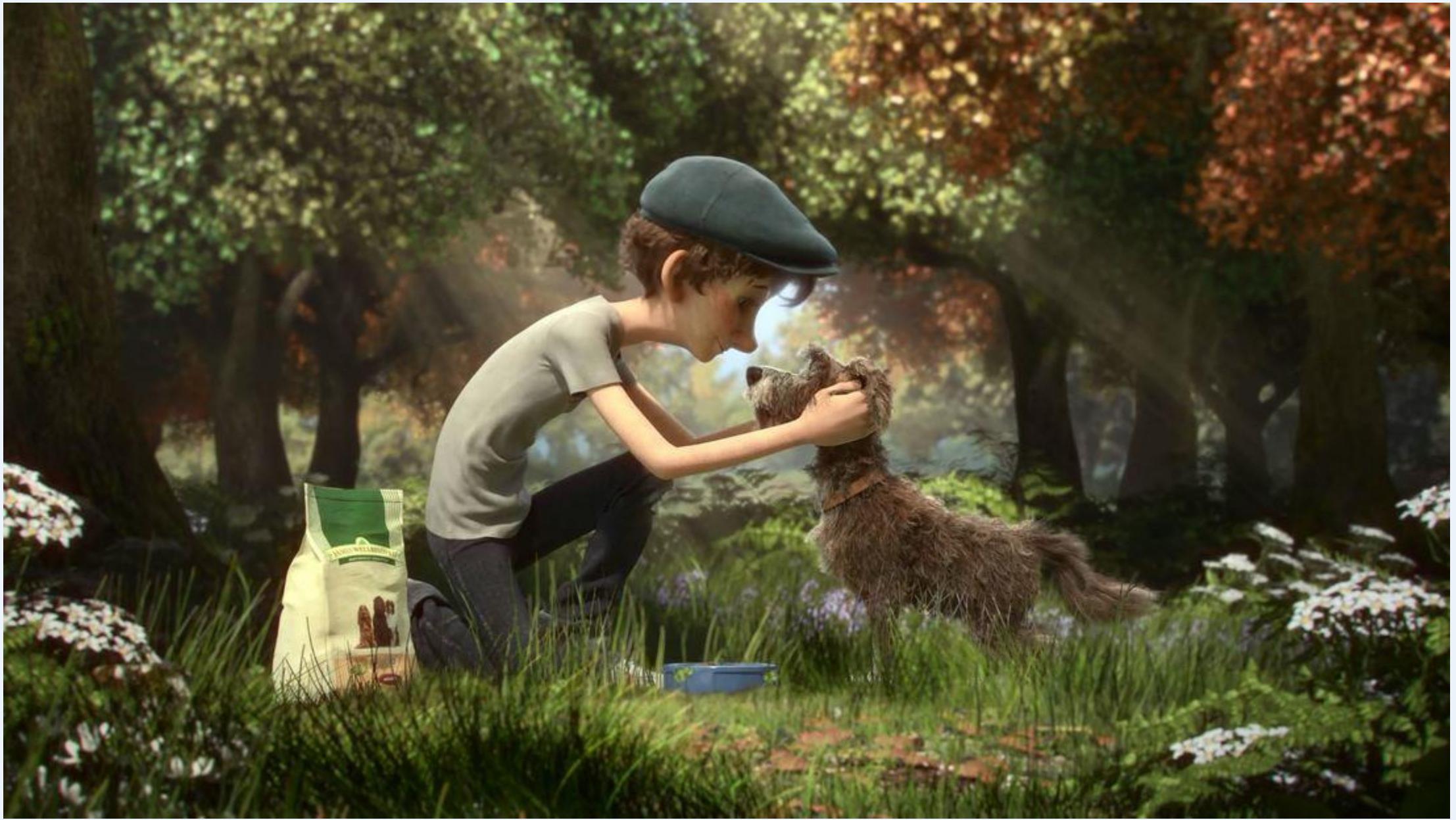
Can you think of your own sentence to show how the character may be feeling?



John lay there with thoughts swirling through his mind;
sleep eluded him for another night.

John lay there
eluded him for another night. ; sleep

Can you think of a sentence to describe how this character might be feeling or what he might be thinking?



John ruffled Harold's hair with great affection. John's eyes filled with love, for he knew his owner would always have him in his heart.

John ruffled Harold's _____.
John's eyes _____ he
knew his owner would
always _____.

Can you think of your own sentence to describe the characters in the image.



Outdoor Learning

Map skills

This week we are going to look at different map skills. On a map we don't use words to describe, we use symbols.

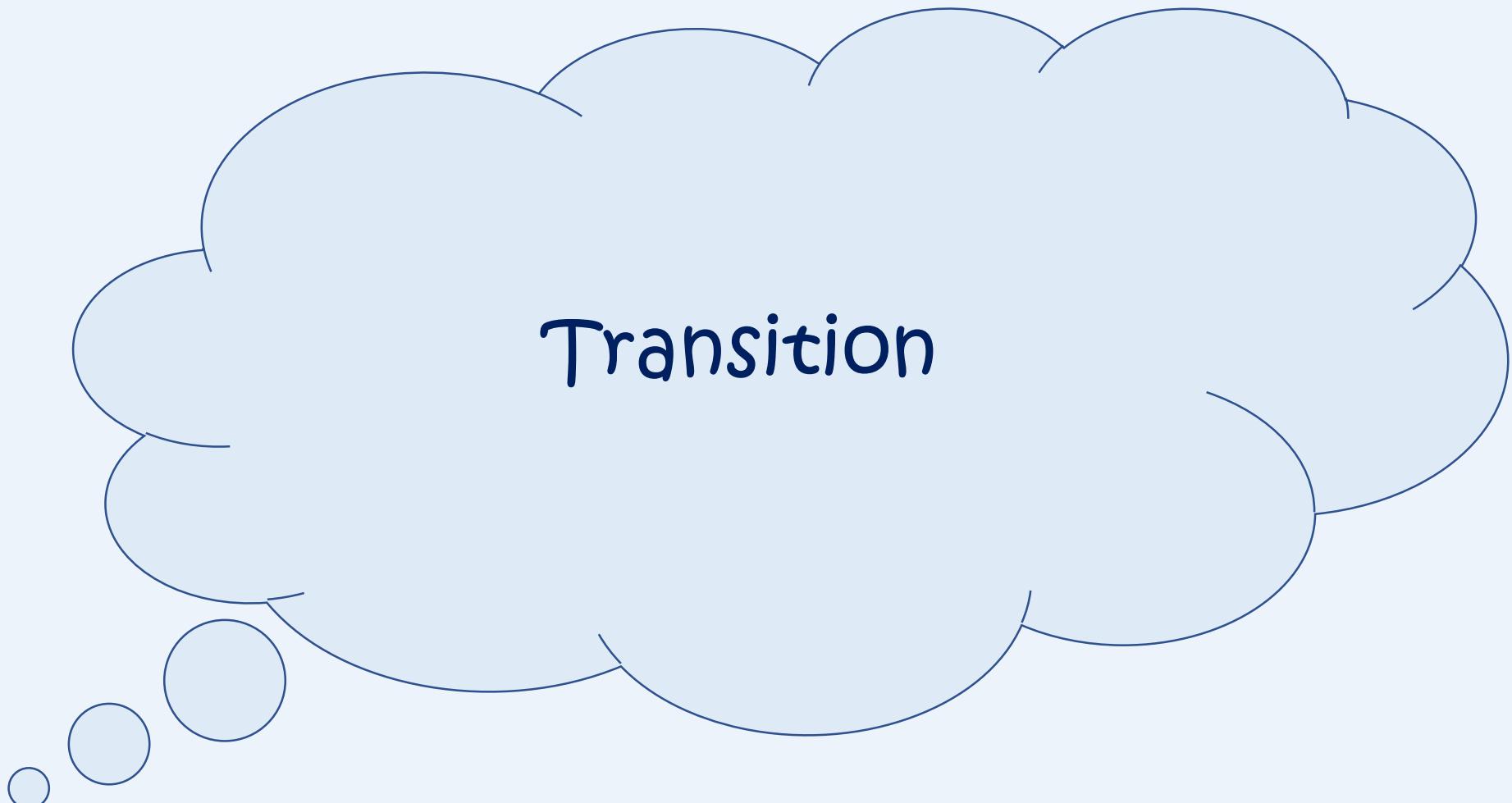
Look at your first sheet. Can you work out what the symbols represent?

Do you know anymore map symbols you may have used or seen before? Use this to create a quiz for someone else!

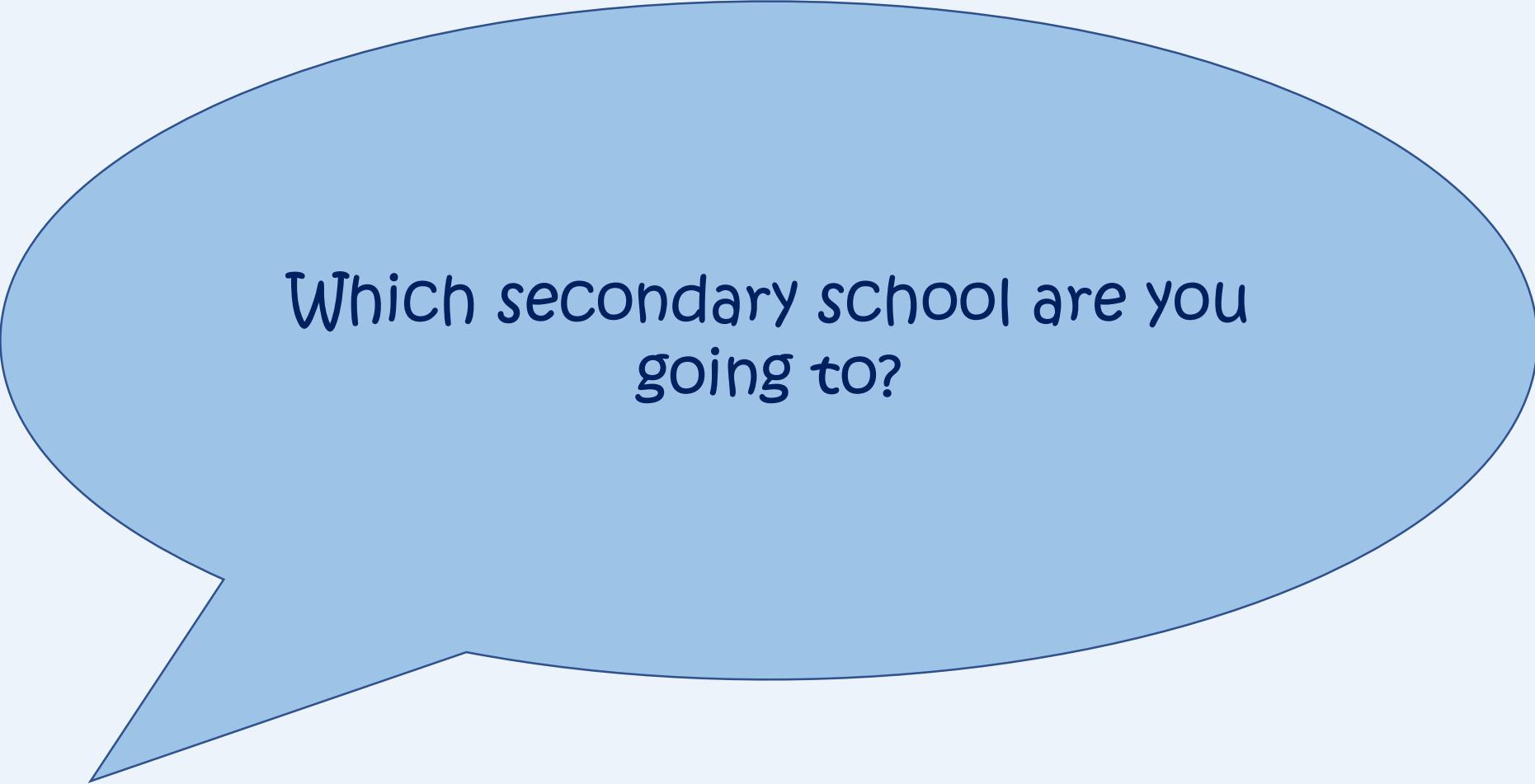
Now it's your turn have a go at drawing your own map using the symbols you have seen today.

At the end, we are going to test our friends to see if they can remember what the symbols represent.

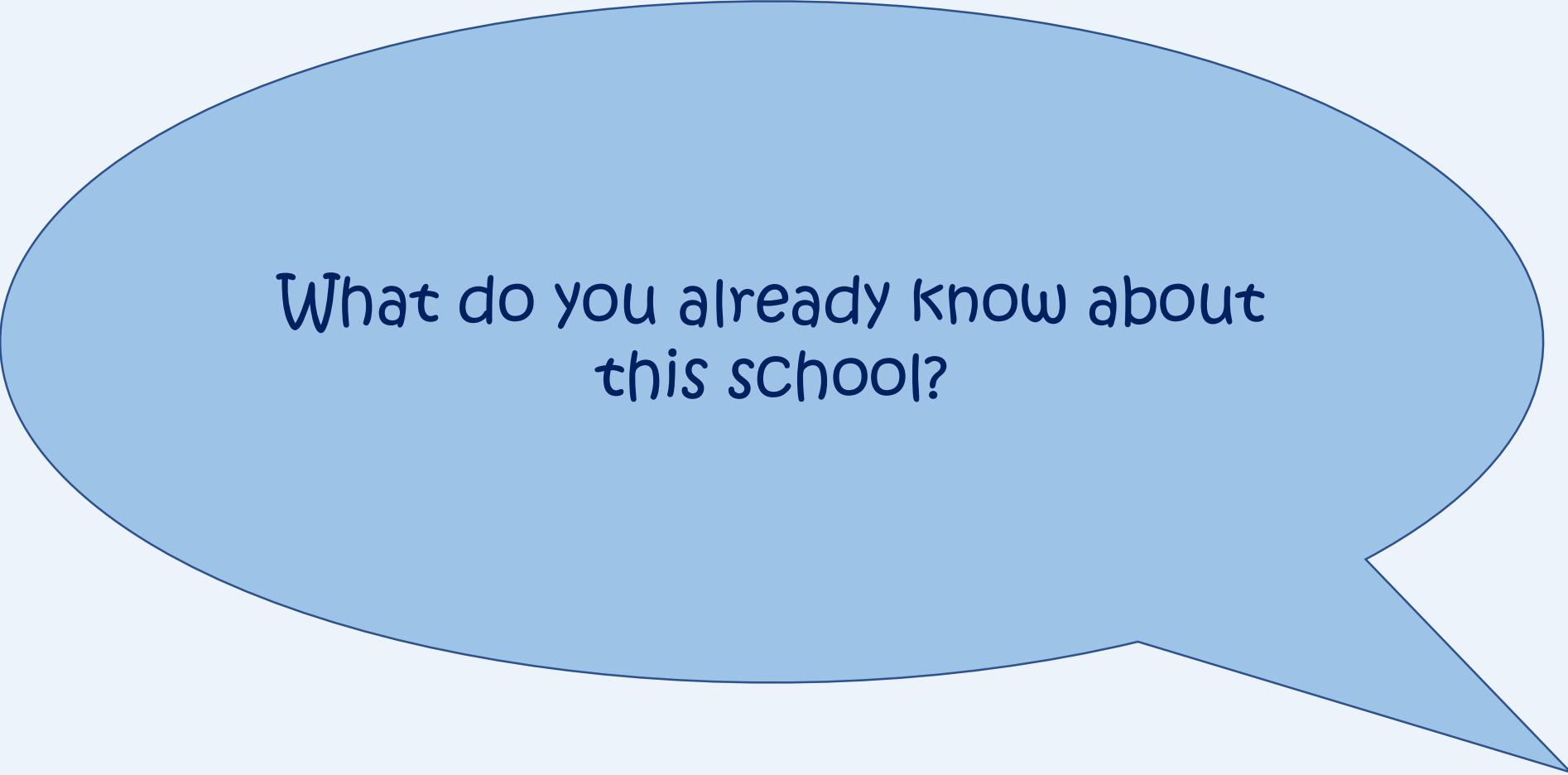
Friday



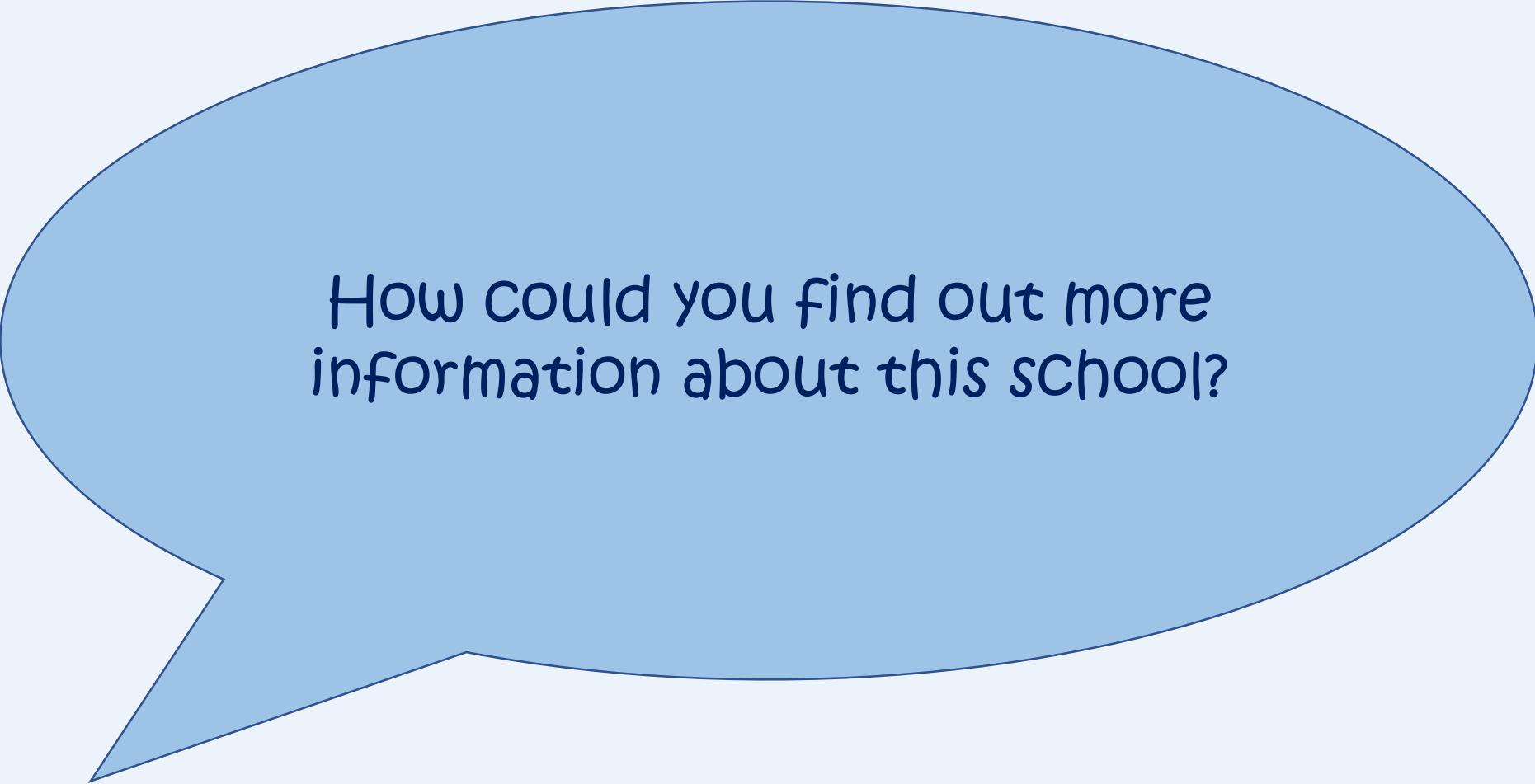
Transition



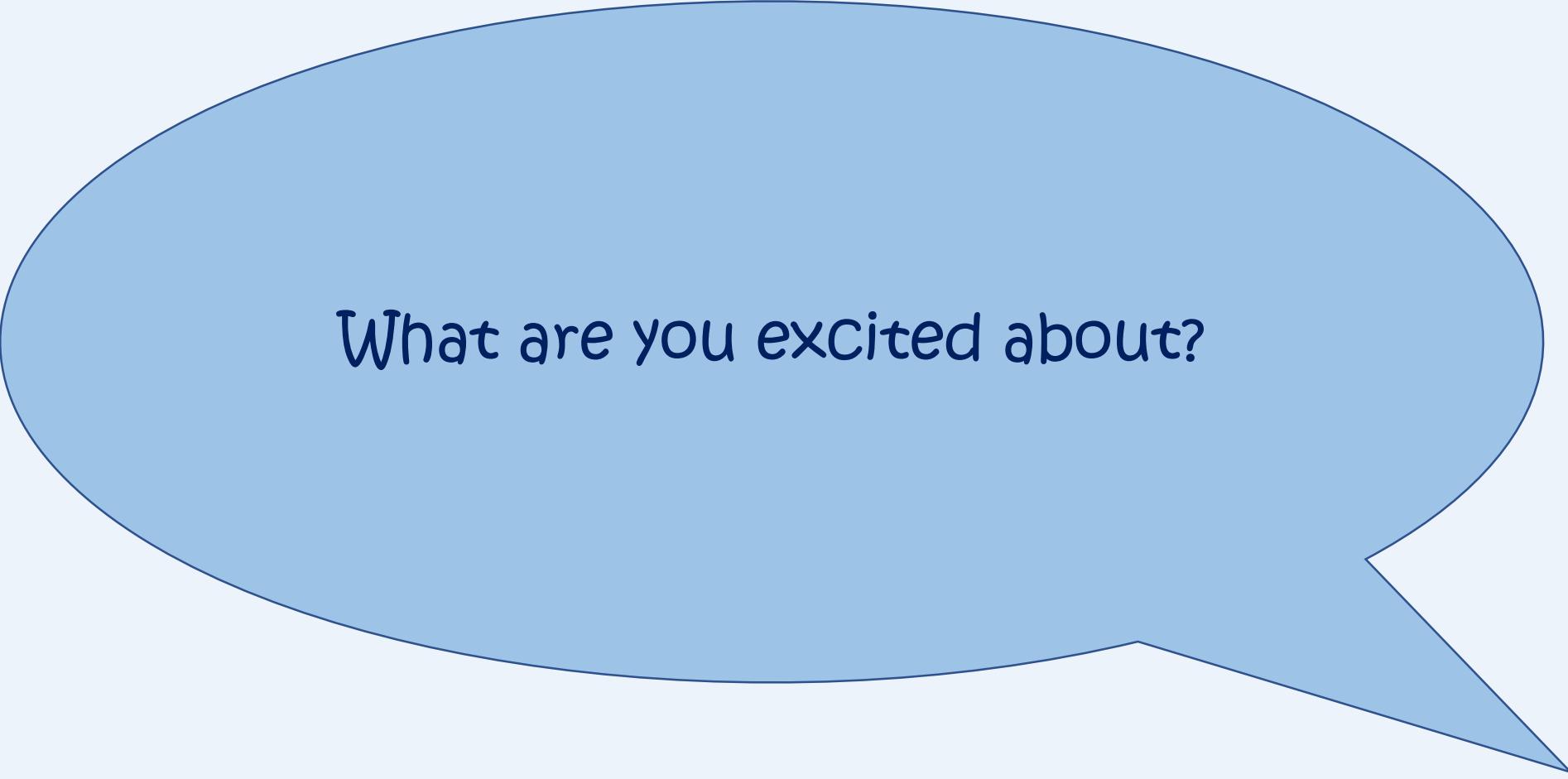
Which secondary school are you
going to?



What do you already know about
this school?



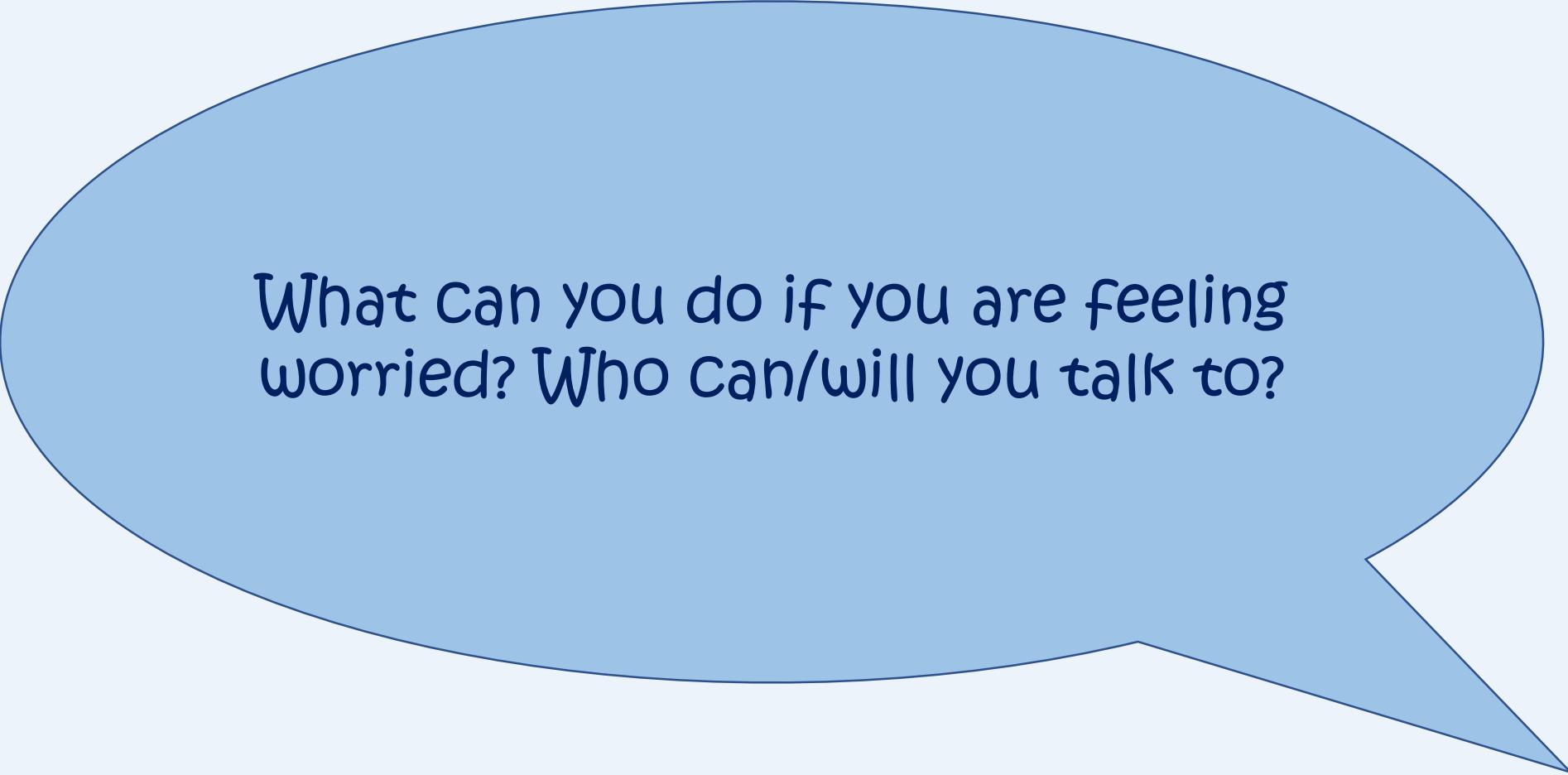
How could you find out more
information about this school?



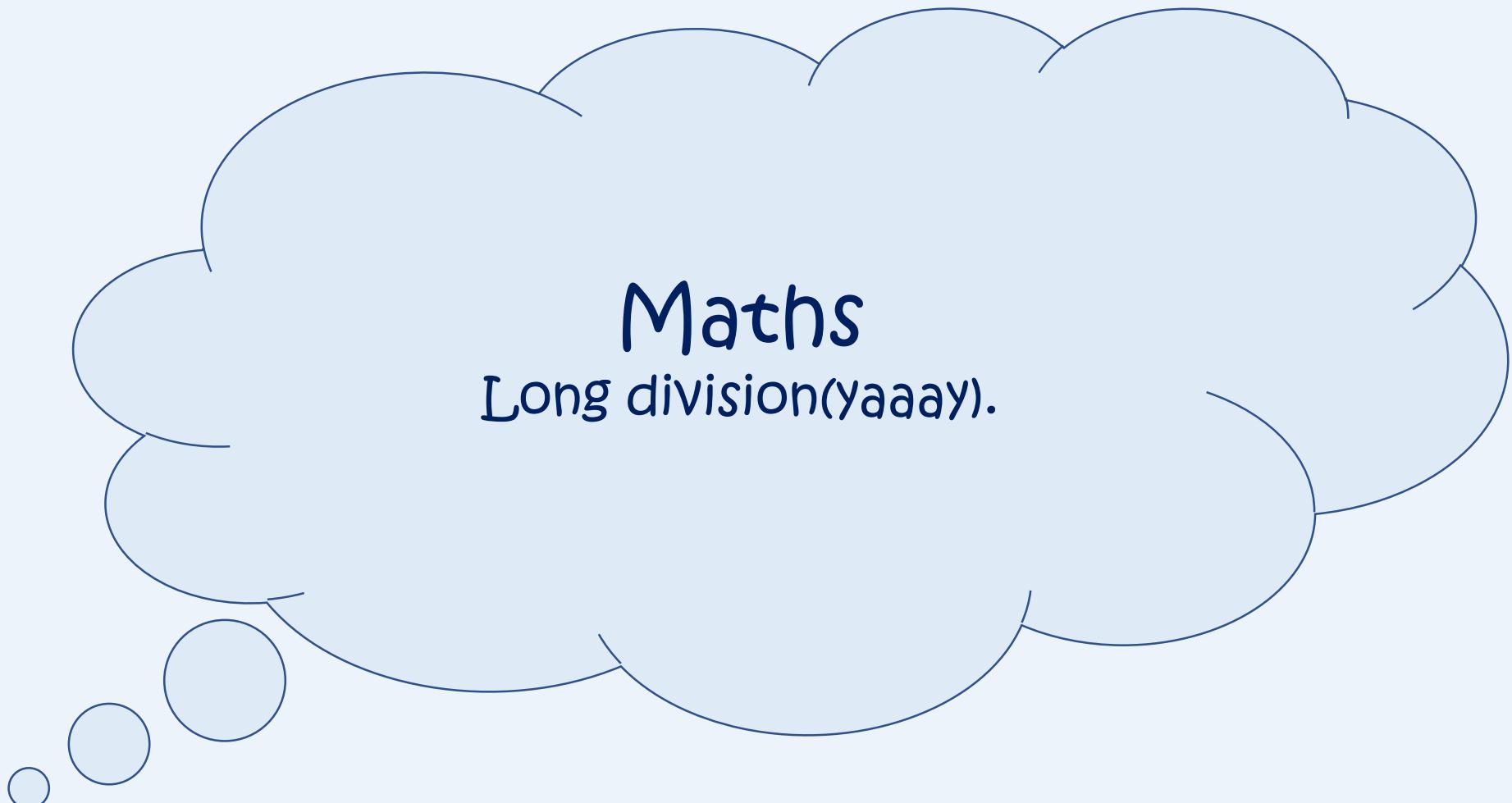
What are you excited about?



Is there anything you are worried
about?



What can you do if you are feeling worried? Who can/will you talk to?



Maths
Long division(yaaay).

5

Amir is making flags. He sews 19 stars and 31 hearts onto each flag.
He has 589 stars and 899 hearts.

How many flags can he complete?



Watch the link recap the method of long division

https://www.youtube.com/watch?time_continue=101&v=ZFYLSoUMYs4&feature=emb_logo

Now have a go at the following questions using the formal method for long division.

Here's a hint...none of the answers have a remainder!

Hot

$$1. 963 \div 3 =$$

$$2. 1284 \div 4 =$$

$$3. 1608 \div 8 =$$

$$4. 2515 \div 5 =$$

Hotter

$$1. 4824 \div 12 =$$

$$2. 3120 \div 13 =$$

$$3. 4530 \div 15 =$$

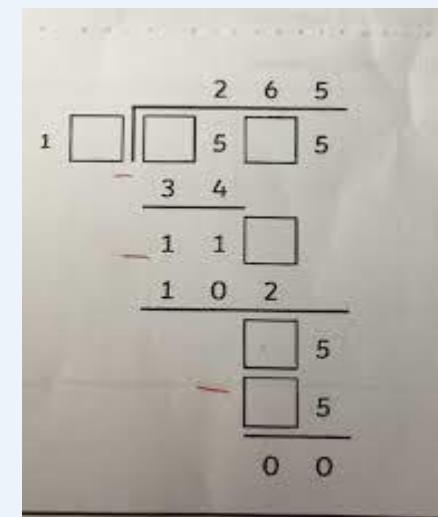
$$4. 1250 \div 25 =$$

Super spicy

$$1. 3537 \times ? = 1179$$

$$2. 12504 \div 24 =$$

3.



Answers

Hot

1. $963 \div 3 = 321$
2. $1284 \div 4 = 321$
3. $1608 \div 8 = 201$
4. $2515 \div 5 = 503$

Hotter

1. $4824 \div 12 = 402$
2. $3120 \div 13 = 240$
3. $4530 \div 15 = 302$
4. $1250 \div 25 = 50$

Super spicy

1. $3537 \times 3 = 1179$
2. $12504 \div 24 = 521$
- 3.

A handwritten long division problem on lined paper. The divisor is 24, and the dividend is 3537. The quotient is 147, and the remainder is 5. The steps shown include bringing down digits, multiplying, subtracting, and bringing down the next digit. Blue ink is used to highlight the divisor, quotient digits, and remainder.

1. $3537 \div 24 = 147 \text{ R } 5$

2. $12504 \div 24 = 521$

3. $3537 \div 24 = 147 \text{ R } 5$

Division problem solving

We are going to solve these problems together on the board.

What is the key information we need from the question?



5 A bag of guinea pig food holds 2.375 kg of food.

It needs to last for 19 days.

How much food can the guinea pig have each day?

4

A school has 380 pupils, 24 staff and 9 governors.

Everyone is invited to a special meal.

Each table seats 12 people.

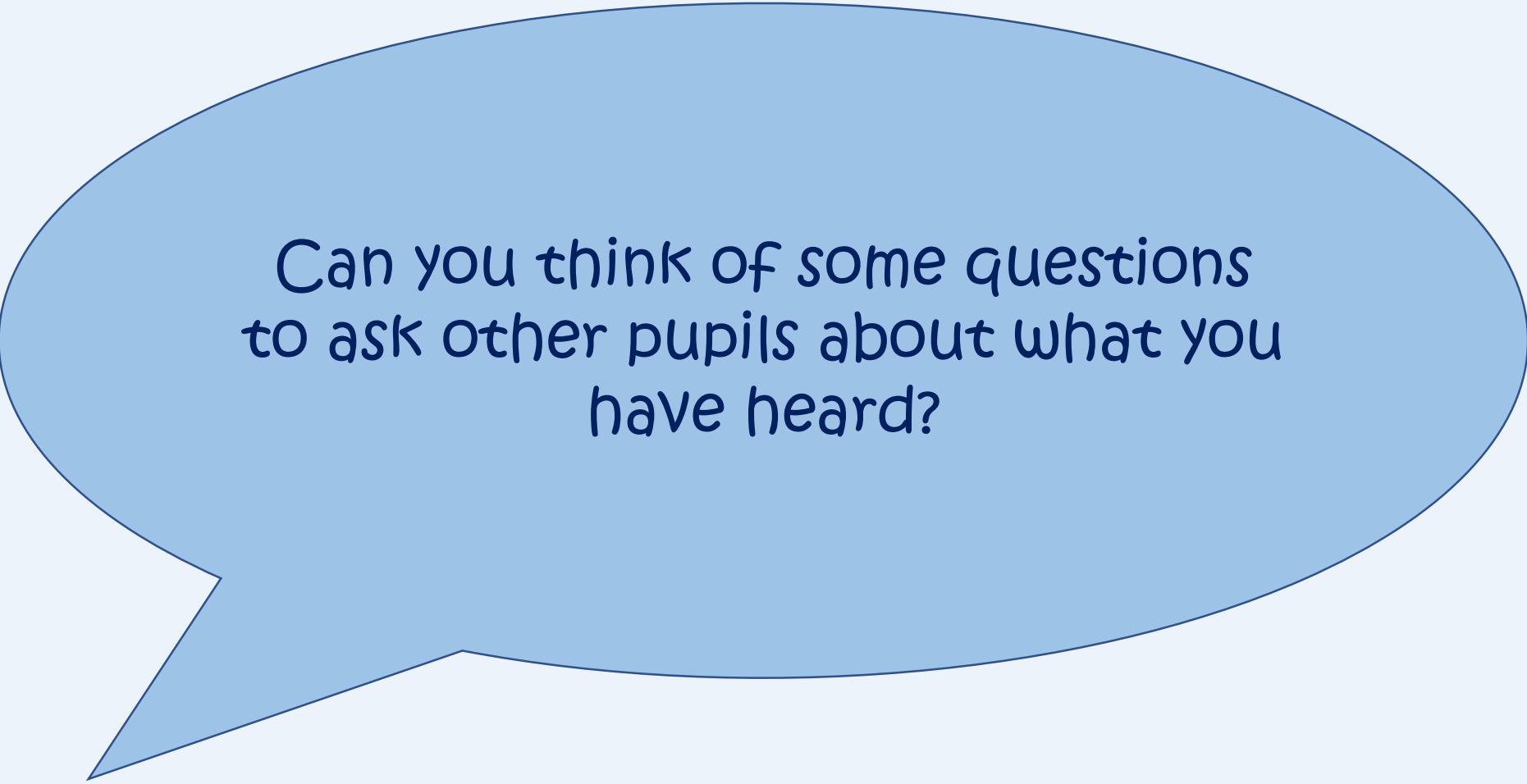
a) How many tables are needed?

b) How did you work this out? Did you use the same method as your partner?

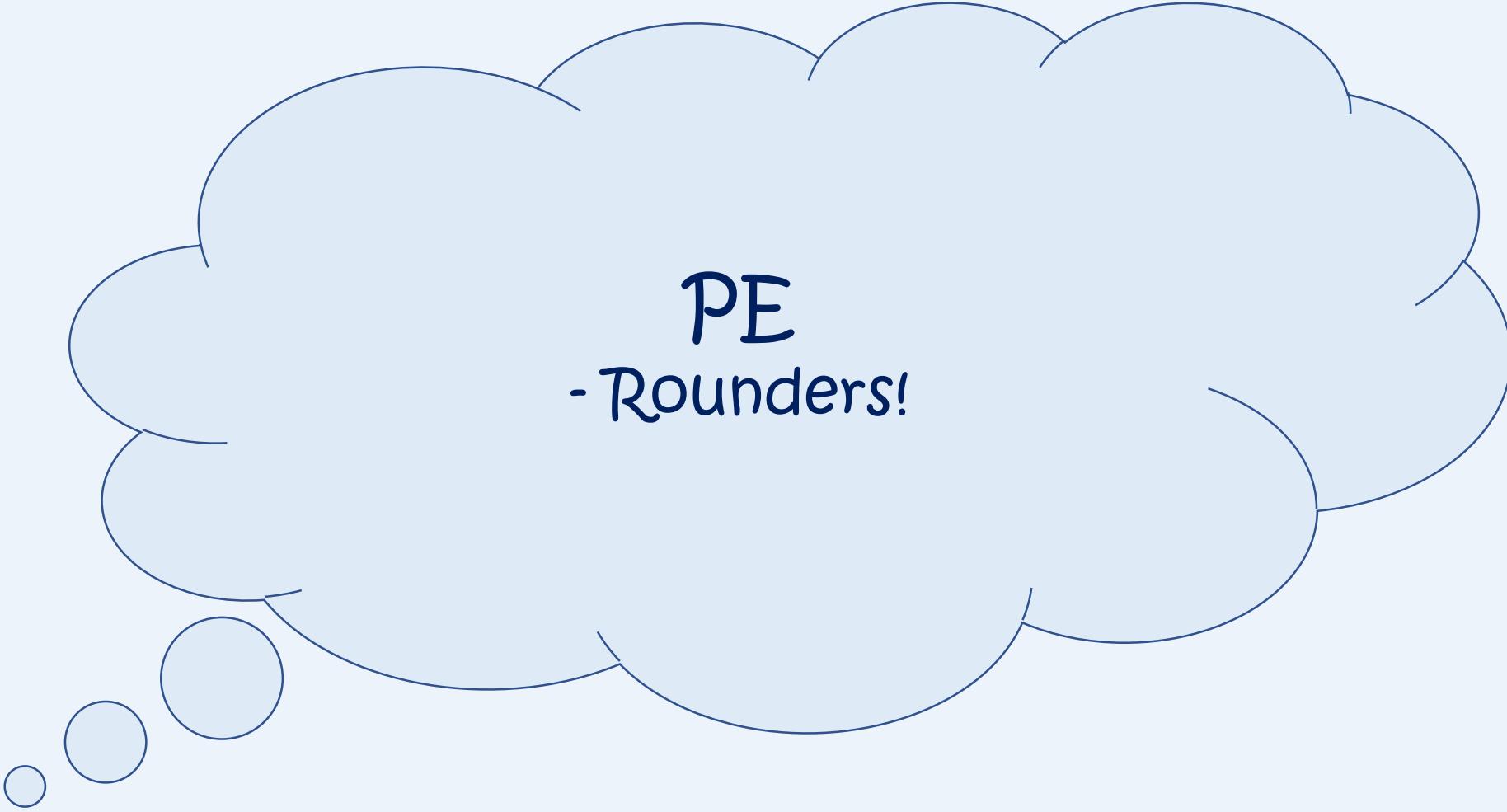




Reading
- Independent reading!



Can you think of some questions
to ask other pupils about what you
have heard?



PE
- Rounders!