

Monday 13th July

Hello again Year 6,

We can't believe that this is your last week -it's definitely not the ending we expected and we know just how amazing you have all been over the past few months.

We've tried to make this week as fun as possible so we hope that you enjoy your learning. In Maths and English we've put together lots of puzzles and investigations (and some art too!). PSHE is focusing on our goals for the future and, as always, there are a few other activities hidden throughout the week!

If you have some spare time or want to do some extra learning, you could visit <https://www.bbc.co.uk/bitesize> or <https://www.thenational.academy/online-classroom> where there are lots of lessons and activities to choose from.

As always, try to read for at least 20 minutes a day and take Accelerated Reader quizzes from home by using this link [Howley Grange Renaissance at home](#) and logging on as usual using your username and password. To check that the book you are reading has a quiz, you can check it using on [Accelerated Reader Bookfinder](#).

Whilst you have been learning from home, you have been able to access free books online using myON which is linked to our Accelerated Reader scheme. These books can still be accessed for free but you will now need our school login details to do this. After reading a book, you can then click on the 'Take AR Quiz' option and login to your account using your usual Accelerated Reader username and password.

Our myON login details are:

Go to myon.co.uk and enter:

1. a. **School Name:** Howley Grange Primary School (*type the first few letters and select from the drop-down menu*)
2. b. **Username:** howley136student
c. **Password:** read
3. Click on the **Sign In** button, select a book, and start reading!

This message has also been sent as a parentmail and there is a pdf attached to that which explains how to choose books using myON. If you have any problems with myOn or questions about Accelerated Reader you can contact Mrs Graham using the school email.

Take care and keep being wonderful,

Mrs North and Mrs Graham

2020 Time Capsule

What is a time capsule?

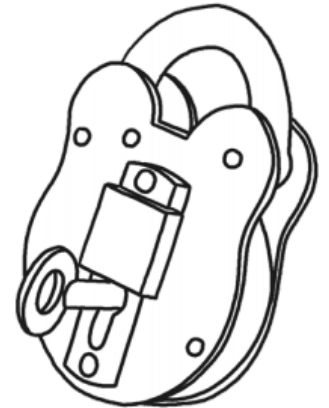
A time capsule is like a frozen snapshot of time. This time capsule will be opened in five years, in 2025, when you have completed your secondary school life and GCSE examinations. You will be 16 years old and will be able to look back on your 11-year-old self – at the start of your secondary school journey! You will be able to look back on life in 2020 and see how your life and the world has changed since then.

Name: _____

Best friend: _____ Future Job: _____

Hobbies: _____

Favourite song: _____



In the News, today: _____

I spend most of my time: _____

Best thing about primary school: _____

What I am most nervous about going to secondary school: _____

What I am most excited about going to secondary school: _____

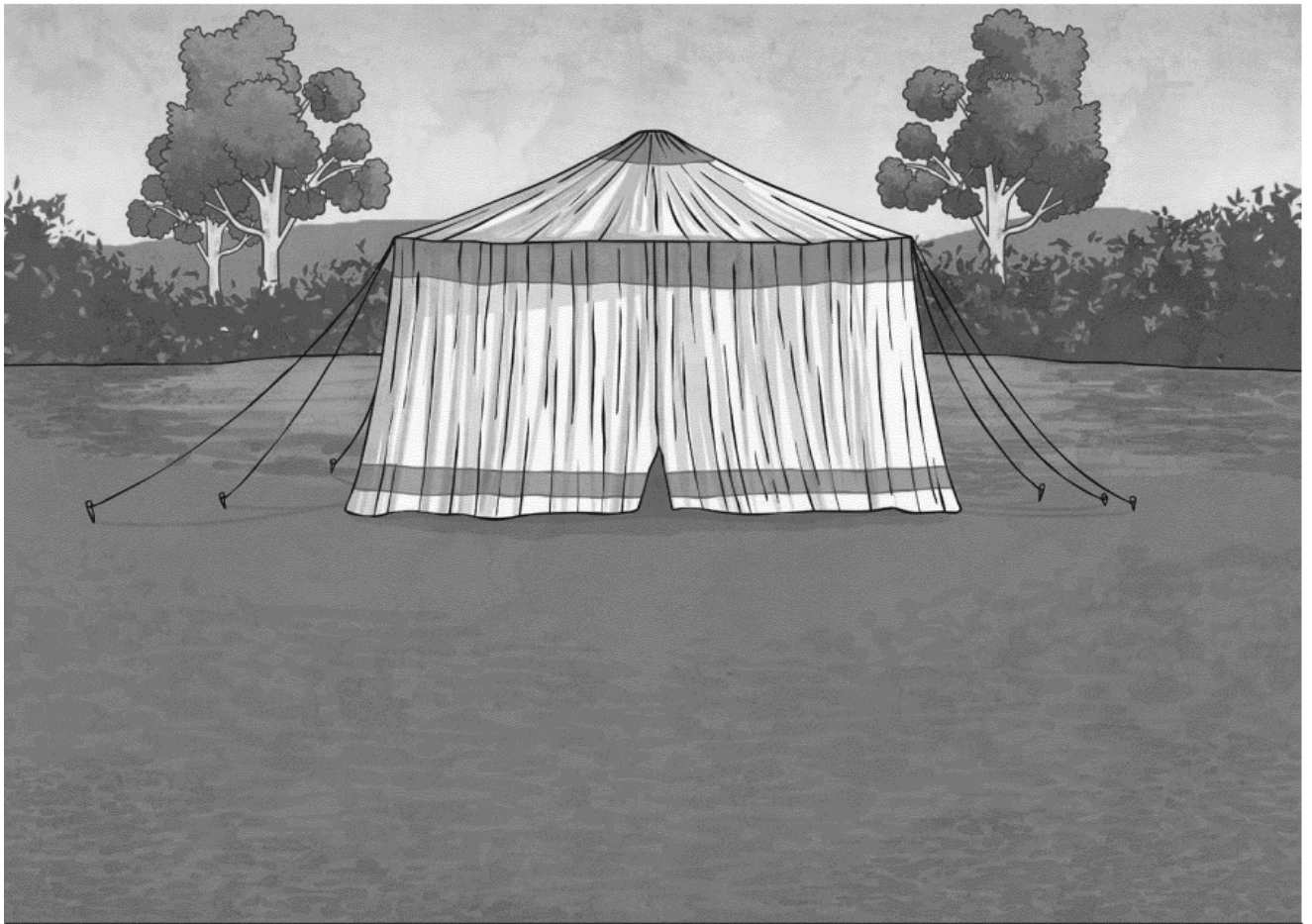
I predict that by 2025... _____

The Mystery of The Festival Camping Chaos

It is the second morning of the annual Glamping-Berry Music Festival and people have woken up in chaos on the Family Woodland Glade Camping Field. There's scuffling and shouting as tents are collapsing because, as it transpires, during the night someone has stolen every last tent peg from the tents in the field!

You have been called in as the leading detective on the case and you have a team of Scene of Crime Officers (SOCOs) to assist you. Solve the following clues to eliminate all but one of the following suspects based on their gender, tent size and colour, blood type and the type of ticket they have.

Good luck... the Glamping-Berry campers are depending on you!



Name	M/F	Tent Colour	Type of Ticket	Size of Tent	Blood Type
Aleksandra Arcadia	F	Blue	Trader	2-man	A+
Alfred Adventure	M	Green	Family	1-man	O-
Brenda Bugspray	F	Red	Performer	3-man	B+
Borys Backshall	M	Multi	Steward	4-man	A-
Chaz Campfire	M	Yellow	Trader	2-man	AB+
Carys Countryside	F	Multi	Family	5-man	B-
Doris Dairy	F	Green	Performer	1-man	O-
Derek Discovery	M	Green	Steward	5-man	A+
Egon Endurance	M	Blue	Trader	3-man	O+
Edith Eavis	F	Multi	Steward	1-man	A+
Fiona Festoon	F	Red	Family	4-man	B+
Fred Firefly	M	Yellow	Steward	5-man	A-
Gerald Glasto	M	Red	Steward	4-man	A-
Gabriela Grylls	F	Blue	Family	2-man	O+
Harry Hammock	M	Green	Trader	2-man	O-
Hyacinth Hawkwind	F	Multi	Performer	4-man	AB-
Idwall Immersive	M	Blue	Performer	3-man	A+
Irena Insect	F	Yellow	Steward	5-man	A+
Jayesh Juggler	M	Red	Family	1-man	B-
Jane Jaffle	F	Yellow	Trader	2-man	A+
Keith Kinks	M	Blue	Performer	5-man	O-
Kasia Knapsack	F	Green	Family	3-man	O+
Leila Lantern	F	Red	Steward	5-man	B+
Lennon Leftfield	M	Blue	Family	1-man	AB-
Mathilde Mountains	F	Multi	Steward	4-man	A+
Matt Marshmallow	M	Yellow	Family	5-man	A-
Nelly Nature	F	Green	Performer	2-man	AB+
Nathan Nightsky	M	Blue	Trader	3-man	O-
Orson Orientation	M	Red	Family	1-man	B-
Olive Outdoors	F	Green	Steward	4-man	A+
Paris Pyramid	F	Yellow	Trader	2-man	O+
Pierre Peel	M	Green	Performer	3-man	A-

Clue 1

On your initial investigations around the campsite you have found a couple of dropped tent pegs in the toilet block. This has told you something...

Below are some calculations but there seem to be some missing numbers. Work out the calculations and find out what the missing digit or digits are. Those missing digits will give you a letter that reveals an anagram using the code 1=A, 2=B, 3=C etc.

Solve the anagram and find the information you need.

$$\begin{array}{r} 1. \quad \quad 2 \quad 7 \quad 8 \quad 4 \\ + \quad 2 \quad 3 \quad 4 \quad 5 \\ \hline 5 \quad \quad \quad 9 \\ \hline \end{array}$$

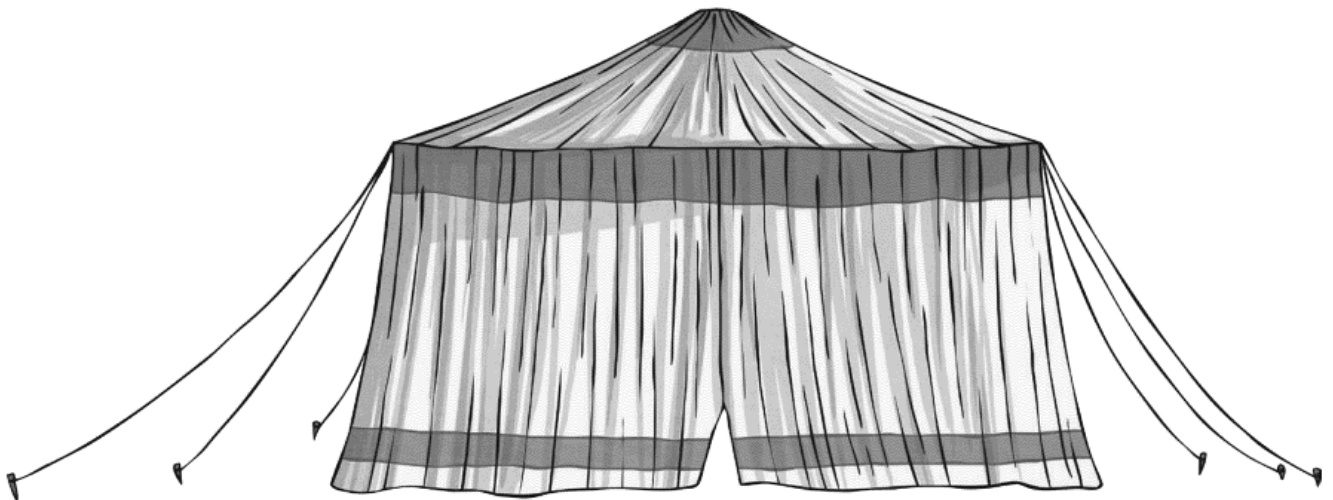
$$\begin{array}{r} 4. \quad \quad 6 \quad 8 \quad 7 \quad 4 \\ - \quad 5 \quad 5 \quad 7 \quad 2 \\ \hline \quad \quad \quad 0 \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad \quad 7 \quad 1 \quad 7 \quad 8 \\ - \quad 4 \quad 6 \quad 1 \quad 5 \\ \hline 2 \quad \quad 6 \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad \quad 3 \quad 0 \quad 6 \quad 4 \\ + \quad 3 \quad 9 \quad 8 \quad 6 \\ \hline 7 \quad 0 \quad \quad 0 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad \quad 1 \quad 0 \quad 1 \quad 1 \\ + \quad \quad 8 \quad 9 \quad 8 \\ \hline \quad 9 \quad 0 \quad 9 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad \quad 8 \quad 0 \quad 0 \quad 0 \\ - \quad 6 \quad 0 \quad 1 \quad 4 \\ \hline 1 \quad 9 \quad 8 \quad \quad \\ \hline \end{array}$$



Clue 2

The SOCOs have analysed some of the dropped pegs. The ones with the oldest fingerprints, they have worked out, have come from the thief's own tent. After more analysis, they can determine the make of tent that these pegs have come from. This certain tent only comes in a couple of colours. Solve the clues below to find which colours of tent the criminal could have.

Find the answers to the following calculations in these groups of answers. The two tent colours with the most answers are the tent colours that the criminal might have.

1. $2.6 - 1.4 =$ _____

2. $5.6 \div 2 =$ _____

3. $0.24 + 0.76 =$ _____

4. $0.55 \times 2 =$ _____

5. $0.07 + 0.03 =$ _____

6. $3 \div 2 =$ _____

7. $0.3 \times 3 =$ _____

8. $0.2 \times 4 =$ _____

9. $1.75 + 0.35 =$ _____

10. $1.2 \div 3 =$ _____

11. $0.35 \times 2 =$ _____

12. $30 \div 100 =$ _____

13. $0.02 \times 10 =$ _____

14. $1.65 + 1.35 =$ _____

Red	Yellow	Blue	Green	Multi
0.1	0.2	0.3	0.4	0.5
0.6	0.7	0.8	0.9	1.0
1.4	1.5	1.1	1.2	1.3
2.7	2.8	2.9	3.0	2.1



Clue 3

You have spotted the same footprints alongside each of the dropped tent pegs. The SOCOs have identified lots of the same footprints around some tents in a small area of the campsite, leading you to believe that this is where the culprit was staying.

In the area, all the tents are the same size.

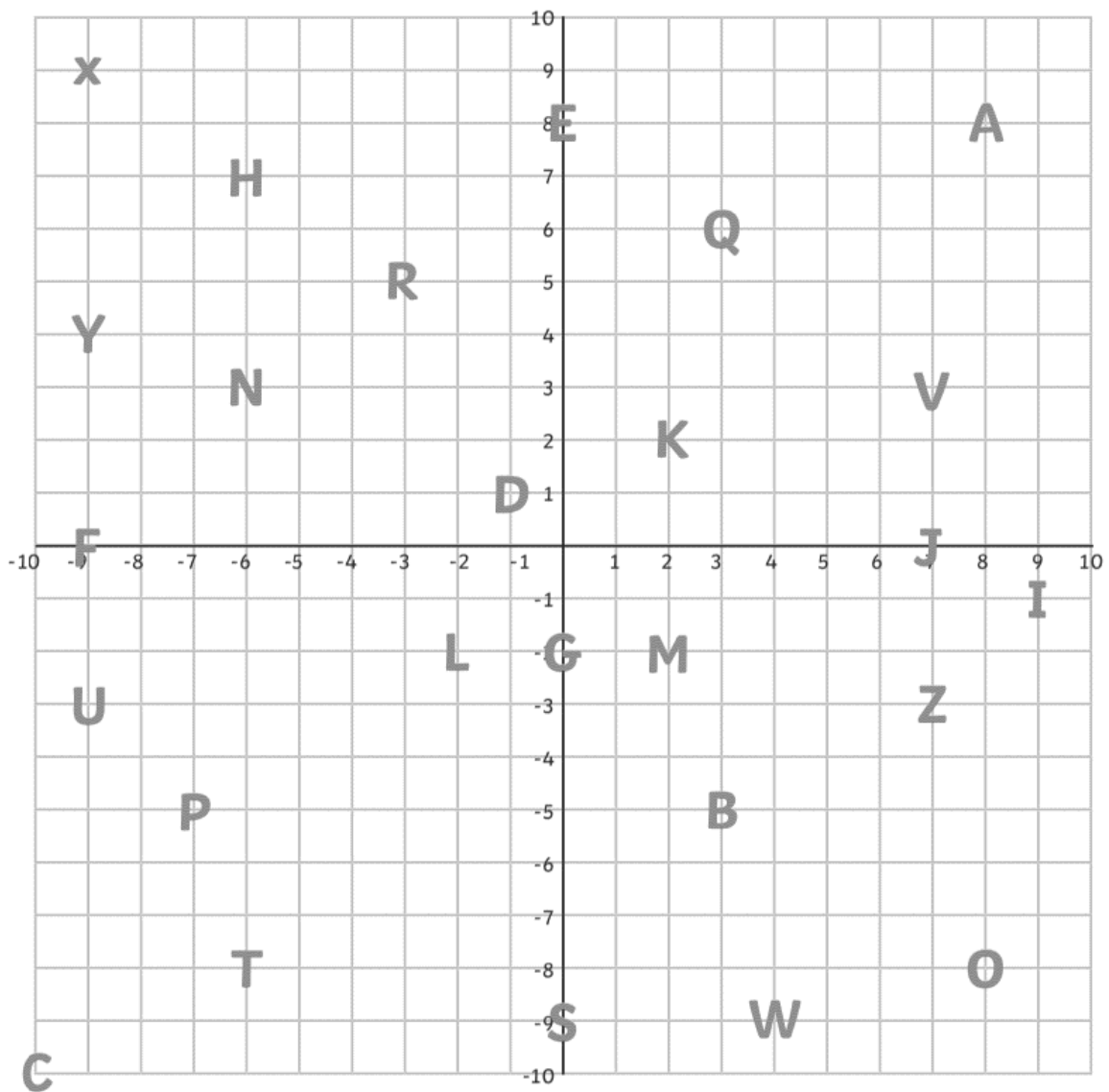
Solve the calculation trail below to give you the 'man' number of the culprit's tent.

Start →	L in roman numerals	→	Divide by 2	→	- 30	↘
↘	Write as a %	→	Halve it	↘	Add 27	
÷ 10	↘	- 10	→	+ 5	↘	↓
↑	Double again	↘	Double it	↘	take off 4%	÷ 100
× 1.2	↑	Divide by 10	???	Times by 100		↓
↑	Double it	↖	Half and half again	↖	write as a decimal	take away 0.2
√ Square root it	↖	Take away from 5.00	←	+ 3.45	↖	
↖	Divide it by 25	←	Square it	←	× 1000	↖

Clue 4

On one of the dropped tent pegs there is a fragment of coloured wrist band that has been ripped off when the thief was removing the tent pegs. This has let you identify the type of ticket the culprit has.

Use the grid below to identify the letters from the coordinates given. This will give you some letters, some of which are red herrings. Hidden in the letter, is the type of ticket belonging to the thief.



Coordinates:

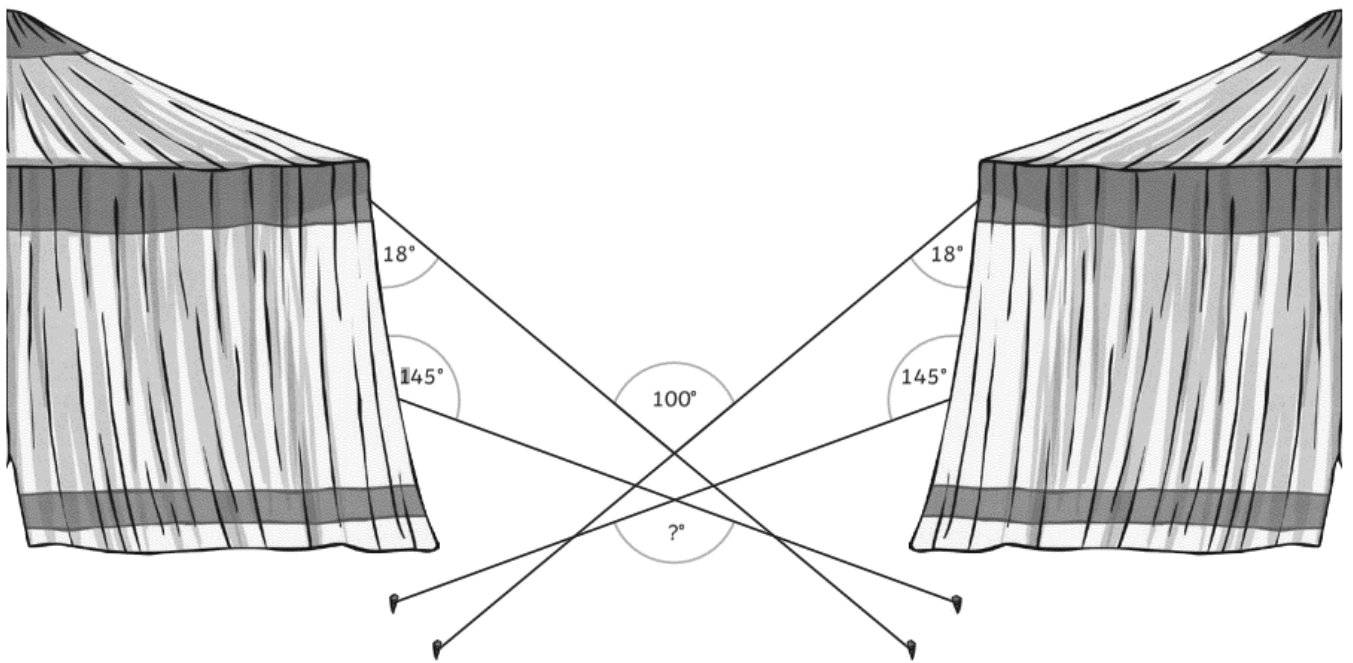
- | | | | | |
|----------|---------|-----------|----------|-----------|
| $(-9,0)$ | $(0,8)$ | $(-7,-5)$ | $(-3,5)$ | |
| $(0,-9)$ | $(8,8)$ | $(-1,1)$ | $(-3,5)$ | $(-6,-8)$ |

Clue 5

You have found some more dropped pegs around the festival site. The SOCOs have found that some of the pegs show traces of recent blood that they are surmising comes from the criminal's legs being scratched against them as they wandered around the campsite in the dark.

On analysis, we can determine the blood group of the criminal which gives use the final clue we need.

Work out the mystery angle in these crossed guy ropes and that will correspond to a blood type at the bottom of the page.



A+	A-	B+	B-	O+	O-	AB+	AB-
134°	145°	163°	45°	180°	80°	90°	100°

The Confession

When the culprit was finally caught, they had this to say about their experience...

x	12	9	7	3	20	6	8	4	30	5
10	O	M	©	R	Q	V	N	A	L)
5	V	F	:	C	#	R	A	(@	=
4	E	E	G	-	N	H	D	W	O	+
7	"	!	Z	I	\	S	.	G	\$:
9	U	[	!	#	T	#	Y	E	<	F
100	K	/	£	L	&	J	%	>	P	'
3	E	#	I	~	V	,	H	-	M	C
8	]	Y	.	H	*	B	X	D	?	A
12	'	U	"	E	?	Y	"	B	;	V
6	Y	#	S	,	O	E	B	H	T	R

21	180	16	40	42	40	300	300

28	36	180	180	21	80	28	40

48	21	180	180	120	120

500	21	80	12	180	36	80	180	42	144

Clue 1 Answers

$$\begin{array}{r} 1. \quad 2 \quad 7 \quad 8 \quad 4 \\ + \quad 2 \quad 3 \quad 4 \quad 5 \\ \hline 5 \quad 1 \quad 2 \quad 9 \end{array}$$

$$\begin{array}{r} 4. \quad 6 \quad 8 \quad 7 \quad 4 \\ - \quad 5 \quad 5 \quad 7 \quad 2 \\ \hline 1 \quad 3 \quad 0 \quad 2 \end{array}$$

$$\begin{array}{r} 2. \quad 7 \quad 1 \quad 7 \quad 8 \\ - \quad 4 \quad 6 \quad 1 \quad 5 \\ \hline 2 \quad 5 \quad 6 \quad 3 \end{array}$$

$$\begin{array}{r} 5. \quad 3 \quad 0 \quad 6 \quad 4 \\ + \quad 3 \quad 9 \quad 8 \quad 6 \\ \hline 7 \quad 0 \quad 5 \quad 0 \end{array}$$

$$\begin{array}{r} 3. \quad 1 \quad 0 \quad 1 \quad 1 \\ + \quad \quad 8 \quad 9 \quad 8 \\ \hline 1 \quad 9 \quad 0 \quad 9 \end{array}$$

$$\begin{array}{r} 6. \quad 8 \quad 0 \quad 0 \quad 0 \\ - \quad 6 \quad 0 \quad 1 \quad 4 \\ \hline 1 \quad 9 \quad 8 \quad 6 \end{array}$$

Reveals: FEMALE

(from the anagram of letters: 6, 5, 13, 1, 12, 5)

Clue 2 Answers

$1. \quad 2.6 - 1.4 = 1.2$

$2. \quad 5.6 \div 2 = 2.8$

$3. \quad 0.24 + 0.76 = 1.0$

$4. \quad 0.55 \times 2 = 1.1$

$5. \quad 0.07 + 0.03 = 0.1$

$6. \quad 3 \div 2 = 1.5$

$7. \quad 0.3 \times 3 = 0.9$

$8. \quad 0.2 \times 4 = 0.8$

$9. \quad 1.75 + 0.35 = 2.1$

$10. \quad 1.2 \div 3 = 0.4$

$11. \quad 0.35 \times 2 = 0.7$

$12. \quad 30 \div 100 = 0.3$

$13. \quad 0.02 \times 10 = 0.2$

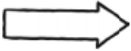
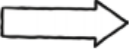
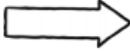





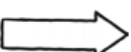












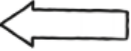


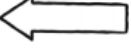
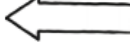

$14. \quad 1.65 + 1.35 = 3.0$

Clue 2 Answers

Red	Yellow	Blue	Green	Multi
0.1	0.2	0.3	0.4	0.5
0.6	0.7	0.8	0.9	1.0
1.4	1.5	1.1	1.2	1.3
2.7	2.8	2.9	3.0	2.1

Tent is Yellow or Green

Clue 3 Answers

Start 	= 50		= 25		= -5	
	= 48%		= 24%		= 22	
= 0.48		= -4.6		= 0.4		
	= 5.4			= 40	= 20%	= 0.22
= 4.8		= 1	Answer 2			
	= 2.7		= 10		= 0.2	
= 4		= 1.35		= 3.65		= 0.02
	= 16		= 400		= 20	

Clue 4 Answers

Word: TRADER

(-9,0)F (0,8)E (-7,-5)P (-3,5)R (0,-9)S (8,8)A (-1,1)D (-3,5)R (-6,-8)T

Clue 5 Answers

The mystery angle = 134° which gives A+ as the blood type.

Children may need the following hints:

- Internal angles of a triangle = 180°
- Internal angles of a quadrilateral = 360°
- A straight line = 180°
- Opposite angles are equal on crossed/bisecting lines.

The Culprit: Jane Jaffle

The Confession:

It was all getting a bit too 'in-tents'.

21	180	16	40	42	40	300	300
I	T	W	A	S	A	L	L

28	36	180	180	21	80	28	40
G	E	T	T	I	N	G	A

48	21	180	180	120	120
B	I	T	T	O	O

500	21	80	12	180	36	80	180	42	144
'	I	N	-	T	E	N	T	S	'

PSHE - Onwards and Upwards

What would you like to achieve in the next year? Five years? Ten years?

What steps can you take to help you achieve your goals?



Discuss your thoughts with someone at home



We all have dreams and goals for the future. These are things we would like to do or achieve.

Everyone has different goals. Even if it is something that you are not interested in or something you think is easy, it is important to respect everyone's goals.

PSHE Activity 1 -One Year, Five Years, Ten Years...

Some goals might be things you hope to achieve very soon. Perhaps you hope to achieve a high score on a game or hope to complete the book you are reading.



Some goals are ones that we hope to achieve in a few years' time. Perhaps your goal was to go to a particular secondary school or join a club.

Other goals we have are for quite a long way off in the future. You might have a certain job in mind that you want to do when you are grown up or you might have been thinking of skills you would like to achieve when you are older, such as learning to drive.



What seems challenging for one person might be easy for another and what is interesting for one individual might be of no interest to someone else. This is because our goals are personal to us and we often tailor our goals to suit our strengths. Once we have personal goals in mind, we can focus on developing the skills needed to achieve our goals.

Complete the 'My Life Journey' to help you to think about your goals for the future.

My life journey

At the age of 21 I would like...

At the age of 30 I would like...

At the age of 45 I would like...

At the age of 60 I would like...

At the age of 80 I would like...

At the age of 16 I would like...

At the age of 12 I would like...

PSHE Activity 2 - Steps to Success



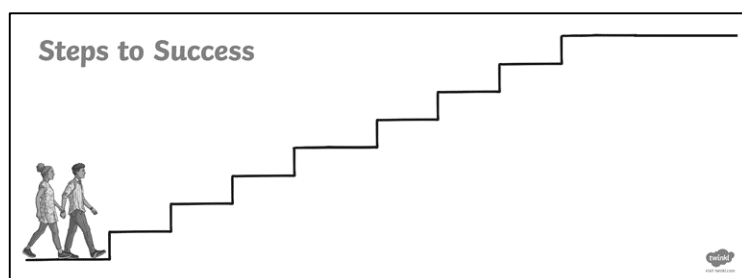
For some goals and for certain jobs we need specific skills and qualifications. We would need a driving license to be a bus driver, a law degree to be a lawyer and we would have to be able to speak another language to be a translator.

However, in order to succeed at anything there are some generic skills that everyone needs. Generic skills are skills that apply to everyone, no matter who they are or what it is they are trying to achieve.

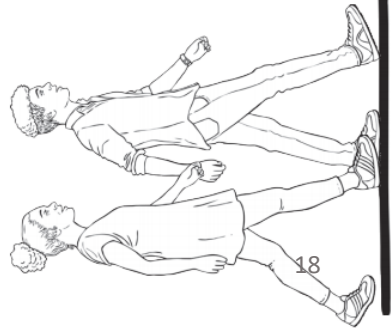
Think of as many ideas about things we all need to do in order to succeed at something, no matter who we are or what it is we are trying to achieve. Eg - perseverance, confidence, planning.....

These could be to do with our attitude towards learning, the way we overcome obstacles or the things we can do to help ourselves.

Write as many different generic skills as you can think of on each step of the staircase to success.



Steps to Success



PSHE Activity 3 - Aims for Year 7

Secondary is a new start for you. We believe you can achieve anything you want to achieve.

Academic Hopes and Aims

- In my lessons I aim to... _____

- I hope to learn about... _____

- My learning goals are... _____

Pastoral Hopes and Aims

- I aim to make strong friendships because... _____

- I hope to feel proud of myself when... _____

- I aim to be confident about... _____

Extra-Curricular Hopes and Aims

- I hope to join a club for... _____

- The sports I hope to get involved in are... _____

What the future holds

No one can predict the future but we can have goals in mind. These are what we hope to achieve. We can then take steps to work towards those goals.

Our goals might change and we might meet unexpected challenges which change the outcome but understanding which skills we need to develop and planning ahead will really help every one of us to move onwards and upwards, towards success.

We are all different and our goals and how we achieve them will be different too. This is exciting!

