



## Week beginning 8.6.20

Year 6

We hope you and your families are keeping well. Here are the suggested activities for this week for you to follow and complete.

Please also remember to take time to relax and exercise.

Take care and keep smiling,  
Mrs Jones and Mr Morgan

# Monday 8<sup>th</sup> June 2020

**Please remember it is really important for you to read everyday for at least 10 minutes. It is a good idea to read lots of different texts, not just fiction.**



# Maths

## 8.6.20

### Fluent in 5

Complete these 5 questions in 5 minutes

1.  $2,035 \times 12 =$

2.  $\frac{3}{5} \div 7 =$

3. 75% of 480 =

4.  $9^3 =$

5.  $11 - 0.03 =$



## Answers:

### Fluent in 5

Complete these 5 questions in 5 minutes

1.  $2,035 \times 12 = 24,420$

2.  $\frac{3}{5} \div 7 = \frac{3}{35}$  (Numerator remains the same, divide denominator by whole number)

3.  $75\% \text{ of } 480 = 360$  ( $75\% = \frac{3}{4}$ )

4.  $9^3 = 729$  ( $9 \times 9 \times 9$ )

5.  $11 - 0.03 = 10.97$





# Maths

## 8.6.20

### LO: To use simple formula

#### Steps to Success:

1. In algebra, letters are used to express an unknown amount
2. E.g.  $5 - a = 3$ , so  $a$  must be 2
3. Read the formula
4. Find the missing numbers

$A = ab$  means . . .  
Area =  $a \times b$

$A = ab$



# Area of a Rectangle

The area of a rectangle is expressed by this formula.

(A is the area, a and b are the length of the adjacent sides.)

Complete this table:

a (cm)	b (cm)	A (cm <sup>2</sup> )
4	6	
8	4	
	3	36
9	5	
6		90

Answers!

$$A = ab$$



# Area of a Rectangle

The area of a rectangle is expressed by this formula.

(A is the area, a and b are the length of the adjacent sides.)

Complete this table:

a (cm)	b (cm)	A (cm <sup>2</sup> )
4	6	24
8	4	32
12	3	36
9	5	45
6	15	90

# Perimeter of a Rectangle

The perimeter of a rectangle is expressed by this formula.

(P is the perimeter, l and w are the length of the adjacent sides.)

$$P = 2l + 2w$$

Complete this table:

l (cm)	w (cm)	P (cm)
3	9	
7	6	
	8	44
21	16	
26		136

# Perimeter of a Rectangle

The perimeter of a rectangle is expressed by this formula.

(P is the perimeter, l and w are the length of the adjacent sides.)

$$P = 2l + 2w$$

Complete this table:

l (cm)	w (cm)	P (cm)
3	9	24
7	6	26
14	8	44
21	16	74
26	42	136

# English

Monday 6<sup>th</sup> June 2020

LO: to write descriptively from a character's perspective

*This week, we will be looking at persuasive writing (specifically travel adverts). At the end of the week, you will produce a travel advert/poster for Mexico using all of the skills you have practiced this week . . .*

## Steps to success:

1. Read the advert 'Five Palms Hotel'
2. Make a note of any features you notice (e.g., hyperbole, quotes, parenthesis, descriptive language).
3. Answer the four questions on the final slide.



# Five Palms Hotel

**Are you ready for some family fun in the sun? If the answer is yes, choose the exclusive Five Palms Hotel for your all-inclusive family holiday.**

The award-winning Five Palms Hotel is one of the most modern hotels in the area with something to suit all ages. We are proud to offer three outdoor swimming pools, one indoor pool, a fully equipped gym, a tennis court and luxury spa.

The Five Palms Hotel has a large, air-conditioned restaurant and snack bar which offers a wide selection of food to suit even the fussiest of eaters.

Kids will enjoy the huge, indoor play gym or spending time at one of our fantastic clubs: High Fivers (ages 4-7) and Five Alivers (ages 8-12), both of which run from 9am until 5pm every day, giving adults time to switch off! High Fivers activities include stories, arts and crafts, team games and drama whilst Five Alivers offers a wide range of sports, music, dancing, obstacle courses and more!

Situated on the beach, sea views and balconies come as a standard with every room, as does air-conditioning, satellite TV and an en-suite bathroom.

Our hotel is in a prime location and only 15 minutes away from Palms Airport, so why would you want to go anywhere else?



Thomas (aged 10) said:

**"This has to be the best kids club I've ever been to. I absolutely loved the football tournament and obstacle course."**



Maya (aged 7) said:  
"I made some brilliant things  
during arts and crafts time and I  
even made some new friends too! I  
can't wait to come back next year."



**New for 2016!**  
Five Palms Midnight  
Feast Platter

**Special Offer!**  
Book before January  
2017 and receive  
10% discount.

# Questions

1. What does the author use to grip the reader at the start of the advertisement?
2. Explain how the author tempts the readers by describing the room features.
3. Find and copy three powerful adjectives that are used to make the hotel sound appealing.
4. What does Thomas think of the hotel? What evidence does he use to support his point?



Answers!

What does the author use to grip the reader at the start of the advertisement?

**Accept any answer relating to the use of questioning in the opening paragraph e.g. 'The author uses the question 'are you ready for some family fun in the sun?' to grip the reader. It does this because it requires an answer and therefore engages the reader from the very start of the text.'**

Explain how the author tempts readers by describing the room features.

**Accept any answer relating to the author's use of descriptive language, e.g. 'The author uses facts, such as 'situated on the beach', 'sea views' and 'satellite TV' to tempt readers by showing them all of the exciting features present in rooms. By highlighting the room's best features, it will make guests want to experience them.'**

What does Thomas think of the Five Palms Hotel and what reasons does he give to support his viewpoint?

**Accept any answer relating to Thomas' favourable opinion and the evidence provided in the text, e.g. 'Thomas likes the Five Palms Hotel. The reason he gives for this is that he loved the football tournament and obstacle course at the kids club.'**

Find and copy three powerful adjectives used to make the hotel sound appealing.

**Accept any three of the following adjectives:**

- exclusive
- award-winning
- modern
- luxury (spa)
- fantastic (clubs)
- prime (location)

# Creative

Monday 8<sup>th</sup> June 2020

- LO: to discover facts about the Maya civilisation and explain who the Maya people were and when and where in the world they lived.

## Task

1. Recall and organise relevant facts about the Maya civilisation.
2. Label a map to show where the Maya lived and where some main cities were.

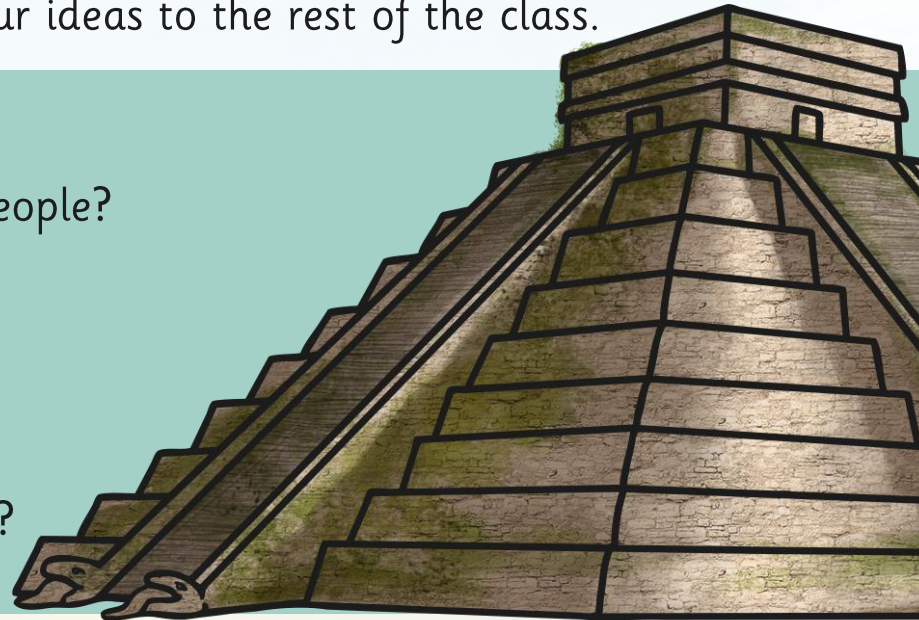
# Introducing the Maya



What do you already know about the ancient Maya civilisation? Discuss the following questions with your partner and jot down any information you can on your **Share Ideas and Record Activity Sheet** in one colour. Be ready to feedback your ideas to the rest of the class.

## Questions

1. Who were the ancient Maya people?
2. When did they live?
3. Where did they live?
4. How did they live?
5. What do we know about them?



Now think about what you would like to learn about the Maya.

Record your thoughts and questions on your Share Ideas and Record Activity Sheet in a different colour.



# Maya People

The ancient Maya people were quite a sophisticated bunch! They developed a writing and number system; studied and charted the stars and planets; invented three complex calendars to keep track of time; built impressive temples, palaces, monuments and cities; skilfully farmed the land and established a complex political system.

The ancient Maya were a clever, deeply religious people who valued intelligence and learning. This helps to explain how and why they were able to develop a complex, thriving civilisation which began over 2000 years ago.





# The Ancient Maya Place in Time

- The Maya civilisation came into being around 2000 BC and cities such as El Mirador became large and powerful from 300 BC onwards.
- By around AD 900, cities in the rainforest were abandoned and people moved up north to the highlands of Guatemala and the Yucatan. This was because there was an extensive drought in the area that lasted a long time and people needed to move out of the rainforest.
- Cities like Chichen Itza were still thriving in AD 1000 and the Maya civilisation was still in existence in AD 1500.
- It was due to the arrival of the Spanish in the 16<sup>th</sup> century that their ancient cities fell to ruin.



# Mesoamerica

'Mesoamerica refers to an area where a number of societies had been formed before the Spanish arrived in the 16<sup>th</sup> century. It covers Mexico and the northern parts of Central America. 'Mesoamerica' can also refer to the culture of the people who lived there. The Maya lived in the south east of this area.





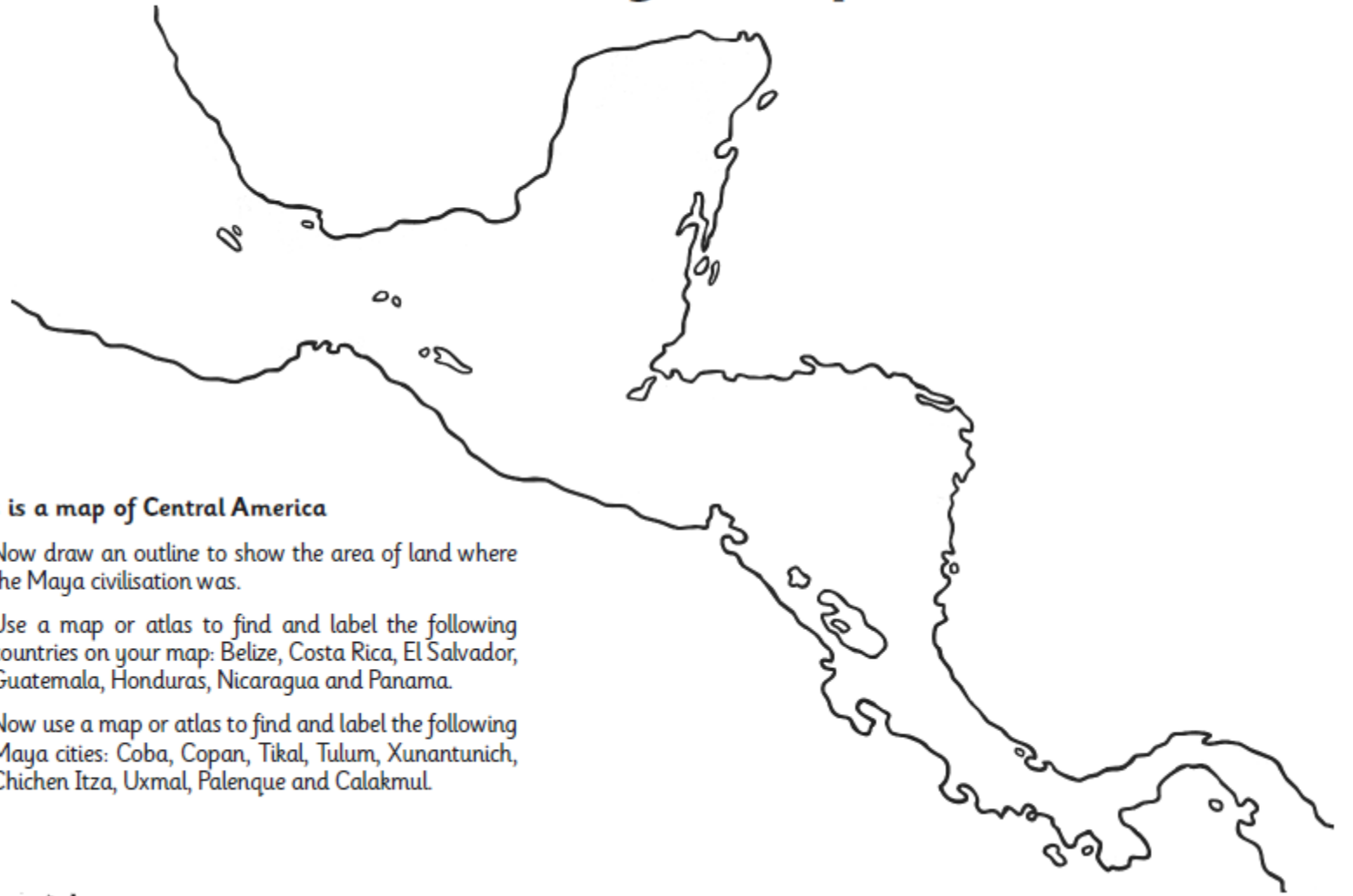
## Task:

Sketch this map onto a piece of paper, or into your red book.

Follow the bullet points to complete the task.

If you don't have an atlas at home, you can use Google Maps.

# Maya Map

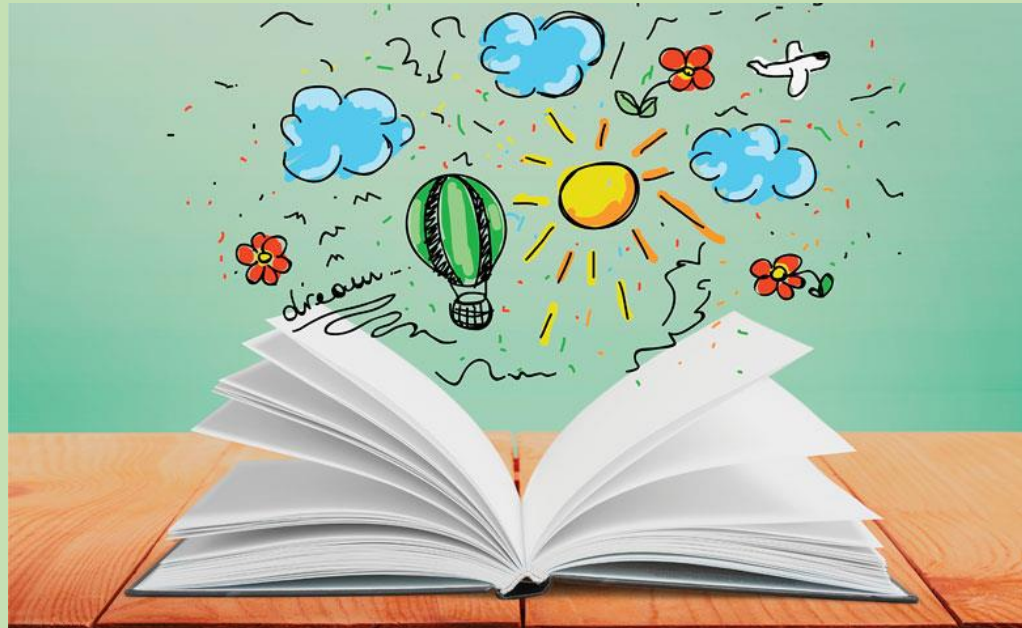


### This is a map of Central America

- Now draw an outline to show the area of land where the Maya civilisation was.
- Use a map or atlas to find and label the following countries on your map: Belize, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua and Panama.
- Now use a map or atlas to find and label the following Maya cities: Coba, Copan, Tikal, Tulum, Xunantunich, Chichen Itza, Uxmal, Palenque and Calakmul.

# Tuesday 9<sup>th</sup> June 2020

Please remember it is really important for you to read everyday for at least 10 minutes. It is a good idea to read lots of different texts, not just fiction.



# Maths

## 9.6.20

### Fluent in 5

Complete these 5 questions in 5 minutes

1.  $\frac{3}{4} \times \frac{5}{8} =$

2.  $\frac{2}{7} \div 22 =$

3. 10.5% of 900 =

4.  $800 - 1 \times 13 =$

5.  $2 - 1.01 =$





## Answers:

### Fluent in 5

Complete these 5 questions in 5 minutes

1.  $\frac{3}{4} \times \frac{5}{8} = \frac{15}{32}$

2.  $\frac{2}{7} \div 22 = \frac{2}{154} = \frac{1}{77}$

3.  $10.5\%$  of  $900 = 94.5$  (To find  $0.5\%$ , find  $1\%$  and halve it)

4.  $800 - 1 \times 13 = 787$

5.  $2 - 1.01 = 0.99$



# Maths

## 9.6.20

### LO: To use simple formula

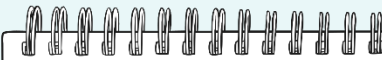
#### Steps to Success:

1. In algebra, letters are used to express an unknown amount
2. E.g.  $5 - a = 3$ , so  $a$  must be 2
3. Read the formula
4. Find the missing numbers

# Simple Formulae

In each of these formulae, calculate the value of  $y$  when  $x=6$  and of  $x$  when  $y = 6$ .

Formula	$x = 6$	$y = 6$
$y = x + 2$	$y =$ <input type="text"/>	$x =$ <input type="text"/>
$y = 2x - 4$	$y =$ <input type="text"/>	$x =$ <input type="text"/>
$y = 3 + 3x$	$y =$ <input type="text"/>	$x =$ <input type="text"/>
$2y = x + 8$	$y =$ <input type="text"/>	$x =$ <input type="text"/>



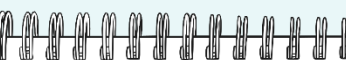
Challenge a partner to find different values of  $y$  or  $x$  when using different values. Try your own formulae.

Answers!

# Simple Formulae

In each of these formulae, calculate the value of  $y$  when  $x=6$  and of  $x$  when  $y = 6$ .

Formula	$x = 6$	$y = 6$
$y = x + 2$	$y = 8$	$x = 4$
$y = 2x - 4$	$y = 8$	$x = 5$
$y = 3 + 3x$	$y = 21$	$x = 1$
$2y = x + 8$	$y = 7$	$x = 4$



Challenge a partner to find different values of  $y$  or  $x$  when using different values. Try your own formulae.

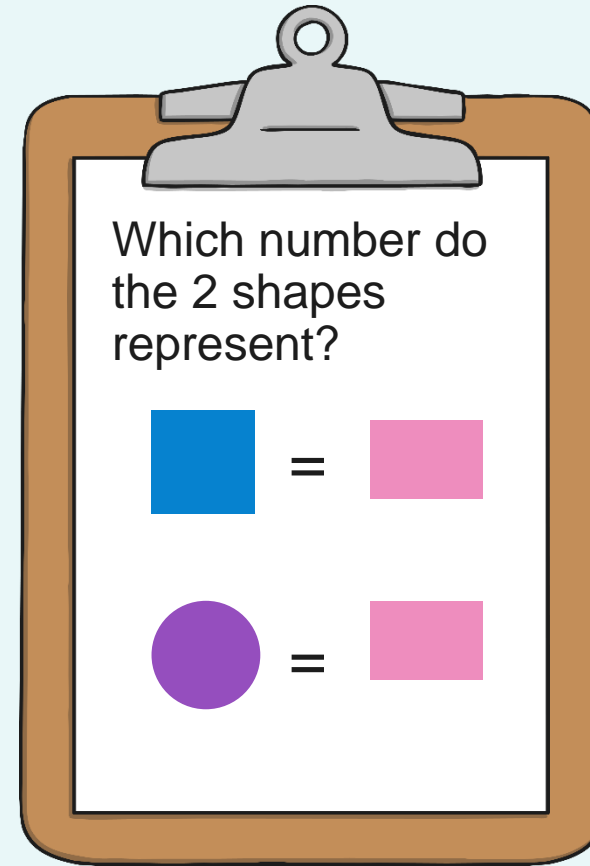
Hide  
Answers

You may want to try out different numbers to begin with, and then try and narrow it down!

# What numbers?

Each shape stands for a number.

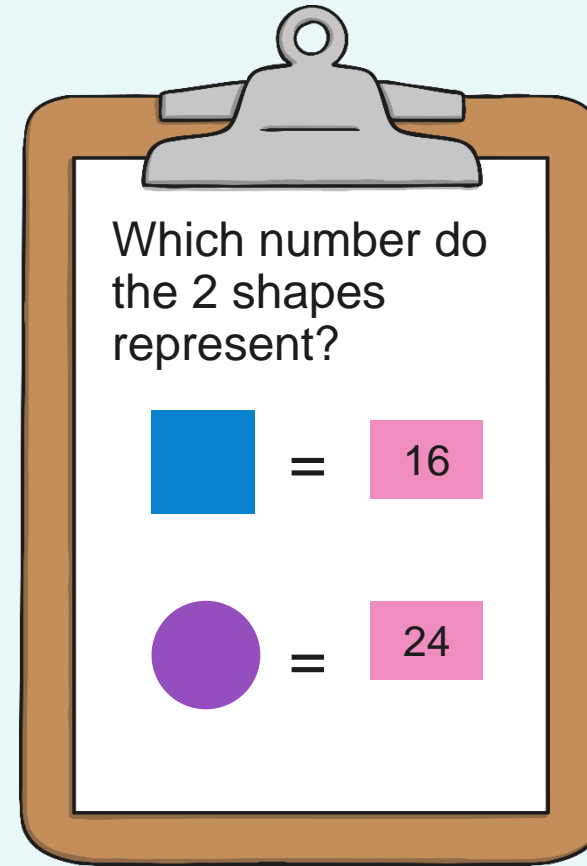
$$\begin{array}{ccccccc} \square & + & \bigcirc & + & \bigcirc & + & \square & = & 80 \\ & & & & & & & & \\ & + & & & & & & & \\ & \bigcirc & & & & & & & \\ & + & & & & & & & \\ & \square & & & & & & & \\ & = & & & & & & & \\ & 56 & & & & & & & \end{array}$$



# What numbers?

Each shape stands for a number.

$$\begin{array}{ccccccc} \square & + & \bigcirc & + & \bigcirc & + & \square & = & 80 \\ & & & & & & & & \\ & + & & & & & & & \\ & \bigcirc & & & & & & & \\ & + & & & & & & & \\ & \square & & & & & & & \\ & = & & & & & & & \\ & 56 & & & & & & & \end{array}$$



Explain how you found the answer to a partner and then create your own puzzle for them to solve.

Hide Answers



# English

Tuesday 9<sup>th</sup> June 2020

LO: to find the meaning of unfamiliar words in context

## Steps to success:

1. Read Extract taken from <https://www.tui.co.uk/destinations/caribbean/mexico/holidays-mexico.html>
2. Use a thesaurus or <https://www.thesaurus.com/> to find the meaning of the unfamiliar words listed on the slide.
3. Challenge – use these words in your own descriptive sentences about Mexico, ensure you read them back and check they make sense!

Holidays to Mexico team tropical beaches and ancient Mayan ruins with year-round sun and some of the best All Inclusive hotels in the business.

## Mega resorts and the Mayans

Stretching all the way from the USA in the north to Guatemala and Belize in the south, Mexico's the glue that links the North and South American continents together. The country's two million square kilometres pack in everything from mega cities and tiny pueblo towns to jungles and Mayan relics. But, for holidaymakers at least, the coastal areas hold the main appeal – from the luxe hotels of Los Cabos to the country's nightlife capital, Cancun. And with sun beaming down throughout the year, there's never a bad time to visit.

## Caribbean Coast

Mexico's eastern edge sidles up to the Caribbean Sea. Cancun is top dog out here. It's home to a 22-kilometre belt of white sand, shopping malls, and an after-dark scene to rival Rio. As you head down the coast, Mexico begins to shed its tourist skin. Playa del Carmen offers everything Cancun does, but in smaller portions. In Riviera Maya, meanwhile, tropical jungle and Mayan ruins begin to appear in the picture. What they all have in common is a string of All Inclusive hotels that cover ever whim – from Hard Rock properties that throw in luxury extras to places like the Grand at Moon Palace, which has a waterpark and laser tag for kids. And if you can't settle on just one, our Multi-Destination breaks let you tick off two or more in a single trip.

Before you find the meaning of these words, try and read around the words in the extract to guess the meaning yourself . . . Then check if you are correct or not!!

Continents –


Pueblo –

Relics –

Coastal –

Sidles –

Whim -



Magpie any words or sentences that you want to use in your advert!



# Creative

Tuesday 9<sup>th</sup> Jun 2020

LO: to design a sports day

## Task

Your task this afternoon, is to design a sports day that can be completed at home.

You must include at least six activities that focus on a different skill, e.g. throwing, catching, jumping, sprinting etc.

You could present this as a diagram, poster, or simply a list of activities.

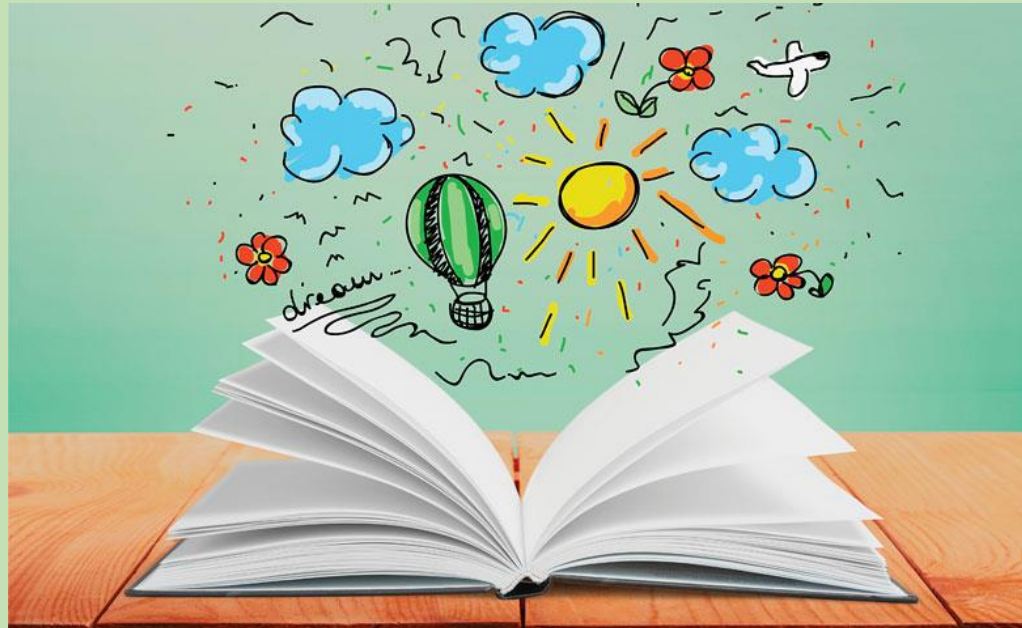
Use the example activities on the next slide if you are struggling for ideas!

# Example Activities

- |    |                   |    |                |    |                  |
|----|-------------------|----|----------------|----|------------------|
| 1  | Garden Football   | 11 | Cycling        | 21 | Yoga             |
| 2  | Joe Wicks Workout | 12 | Garden Sprints | 22 | Frisbee          |
| 3  | Family Walk       | 13 | Long Jump      | 23 | Zumba            |
| 4  | Art               | 14 | Board Games    | 24 | High Jump        |
| 5  | Dancing           | 15 | Bean Bag Throw | 25 | Egg & Spoon Race |
| 6  | Walking Dog       | 16 | Cooking        | 26 | Badminton        |
| 7  | Animal Races      | 17 | Gymnastics     | 27 | Nerf             |
| 8  | Skipping          | 18 | Throw & Catch  | 28 | Martial Arts     |
| 9  | Basketball        | 19 | Tennis         | 29 | Gardening        |
| 10 | Obstacle Course   | 20 | Alphabetix     | 30 | Skating          |

# Wednesday 10<sup>th</sup> June 2020

Please remember it is really important for you to read everyday for at least 10 minutes. It is a good idea to read lots of different texts, not just fiction.



# Maths

## 20.5.20

### Fluent in 5

Complete these 5 questions in 5 minutes

1.  $5,106 \times 39 =$

2.  $2 \times 15 \times 0 =$

3.  $(700 - 12) + (25 \times 8) =$

4.  $15\% \text{ of } 2,000 =$

5.  $8 - 5.03 =$



## Answers:

### Fluent in 5

Complete these 5 questions in 5 minutes

1.  $5,106 \times 39 = 199,134$

2.  $2 \times 15 \times 0 = 0$

3.  $(700 - 12) + (25 \times 8) = 888$

4.  $15\% \text{ of } 2,000 = 300$

5.  $8 - 5.03 = 2.97$





## Maths

### 10.6.20

LO: To find pairs of numbers to solve equations with two unknowns

### Steps to Success:

1. I can substitute numbers into an equation.
2. I can find pairs of numbers to solve an equation based on given criteria.
3. I can use a systematic approach to find all pairs of numbers.

# Equations with Two Unknowns



In an equation with two unknown numbers, there may be **several** possible values for the unknowns that will balance the equation.

$a + b$

$=$

$10$

$a = 10$     $b = 0$

# Trickier Two Unknowns



Here is a two-step equation with two unknowns.

The equation involves two operations: multiplication and addition.  $a$  is a whole number greater than 1.  $b$  is a positive whole number.

$$2a + b = 10$$

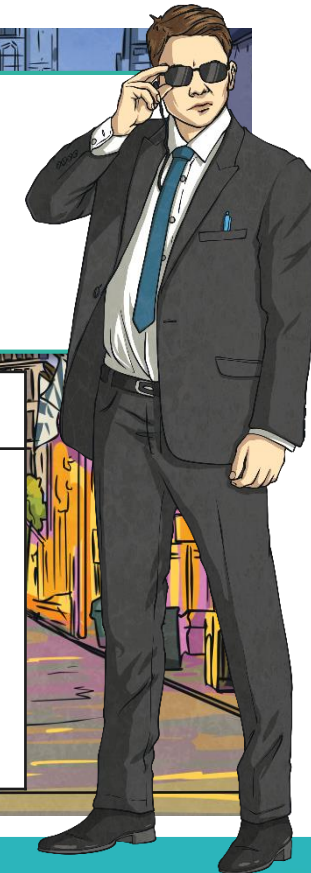
$$a = 2$$

$$b = 6$$

To find pairs of whole numbers that balance this equation, we can use a systematic method of substitution for the first unknown.

		10
$a =$ 2	$a =$ 2	$b = 6$

$a$	$b$
2	6



In each question, find possible values for a and b . . .

1.  $ab = 60$

The values of a and b are whole numbers.

a =	1											
b =												

2.  $\frac{a}{b} = 8$

The value of a is a whole number  $< 80$  but  $> 30$ .

Remember, this could be written as  $a \div b = 8$

a =	72						
b =							

3.  $a - b = 116$

The value of a is  $< 150$  and the value of b is  $> 25$ .

a =	149						
b =							

## Answers!

1.  $ab = 60$

The values of  $a$  and  $b$  are whole numbers.

$a =$	1	2	3	4	5	6	10	12	15	20	30	60
$b =$	60	30	20	15	12	10	6	5	4	3	2	1

2.  $\frac{a}{b} = 8$

The value of  $a$  is a whole number  $< 80$  but  $> 30$ .

$a =$	72	64	56	48	40	32
$b =$	9	8	7	6	5	4

3.  $a - b = 116$

The value of  $a$  is  $< 150$  and the value of  $b$  is  $> 25$ .

$a =$	49	148	147	146	145	144	143	142
$b =$	33	32	31	30	29	28	27	26

# English

Wednesday 10<sup>th</sup> June 2020

LO: to use varied descriptive sentence types

Today, we are going to write some high-quality sentences that can go straight into our persuasive advert on Friday.

As we are trying to persuade people to come to Mexico, we will have to exaggerate the positive aspects of Mexico, and create a relaxing, awe-inspiring, aspirational mood through our writing.

On the next slide, you will see the sentence types and one example for each. Try and write your own version and keep them handy for Friday!



# Sentence Types

Imagine 3 examples –

*Imagine a place where the magic of the ancient Mayans comes to life, where pristine sandy beaches slope softly into the calm Atlantic Ocean, where holidaymakers return year upon year for the endless sun, where exotic wildlife can be found around every corner.*


3 adj –

*Astonishing, awe-inspiring, unmissable – the ancient Mayan city of Chitzen Itza is a must-see excursion on your Mexican adventure.*

# Sentence Types

Description: details

*The Pacific coastline is a hidden gem: this area of Mexico is untouched by tourism, despite possessing some of the most remarkable sights on planet Earth.*



Remember to use a colon (:) to separate your description and details.

The part of your sentence following the colon should begin with a lower case letter!

# Creative

Wednesday 10<sup>th</sup> June 2020

- LO: to explain the religious beliefs of the Maya people, understand how they worshipped, name some of the main gods and know what they represented to the people.

## Task

1. I can answer questions to show I understand the important aspects of Maya religion.
2. I can create a fact file containing information about Maya gods.
3. Create a Mayan God fact-file or report based on the information you read in the slides, you can conduct further research to find more gods if you wish!

# Maya Gods

The Maya people worshipped a number of different gods, many of whom had overlapping roles and names. Some had human form, some took the form of an animal and some were a phenomena of nature.

Historians have discovered a lot about the Maya gods from carvings and codices (Maya books).

**Read the information about some Maya gods on the following slides.**

**Take notes on the gods' names and meanings, appearances and other facts/features so you can write a Maya Gods Fact File of your own.**



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# Maya Gods

## Itzamna

One of the creator gods.

Inventor of writing.

Patron of learning.

Portrayed in human form as an old man with no teeth and a large nose.



# Maya Gods

## Ix Chel

Wife of Itzamna.

Goddess of childbirth, healing, weaving and the Moon.

Portrayed in human form wearing a headdress of snakes entangled in her hair, and toes and fingers that looked like jaguar claws.

Capable of causing floods and destruction.

The mother of many gods.





# Maya Gods

## Maize God

From his head sprouted an ear of maize.

Was important because the diet of the Maya was 80% maize and they relied on the harvest being successful.

Also important because humans were created from maize dough by the gods.



# Maya Gods

## Chac

Brought the rain needed to make crops grow.

Created storms, thunder and lightning.

Caused wars and human sacrifice.

Portrayed as a human with a curling snout and reptile fangs.





# Maya Gods

## Kimi

Death god.

Portrayed as a human with a skeletal nose, jaw and spine along with a body covered in hideous spots.



# Thursday 11<sup>th</sup> June 2020

Please remember it is really important for you to read everyday for at least 10 minutes. It is a good idea to read lots of different texts, not just fiction.



# Maths

## 11.6.20

### Fluent in 5

Complete these 5 questions in 5 minutes

1.  $\frac{1}{6}$  of 300 =

2. 3.5% of 700 =

3.  $11^3 =$

4.  $0.7 \times 1,000 =$

5.  $60 - 4 \times 9 =$



## Answers:

### Fluent in 5

Complete these 5 questions in 5 minutes

1.  $1/6$  of 300 = 50

2. 3.5% of 700 = 24.5

3.  $11^3 = 1,331$

4.  $0.7 \times 1,000 = 700$

5.  $60 - 4 \times 9 = 24$





## Maths

### 11.6.20 and 12.6.20

#### LO: To enumerate possibilities

#### Steps to Success:

I can list all possible answers to a combination problem using a systematic approach.

I can identify when it is appropriate to use multiplication as a strategy.

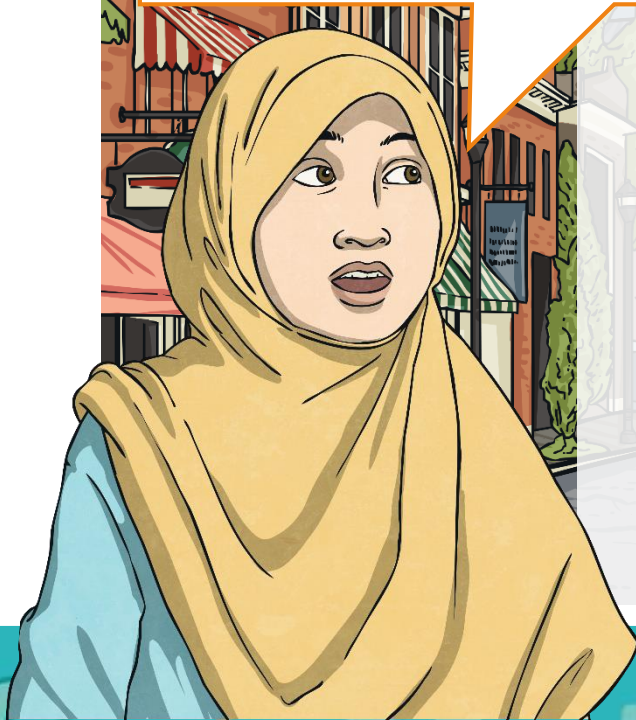
I can list all possible answers to a combination problem that involves finding multiples of two different variables.

# Digit Card Combinations



List all the **two-digit** numbers that can be made using these digit cards.

What strategies can you use to help you know that you have found all possible answers?

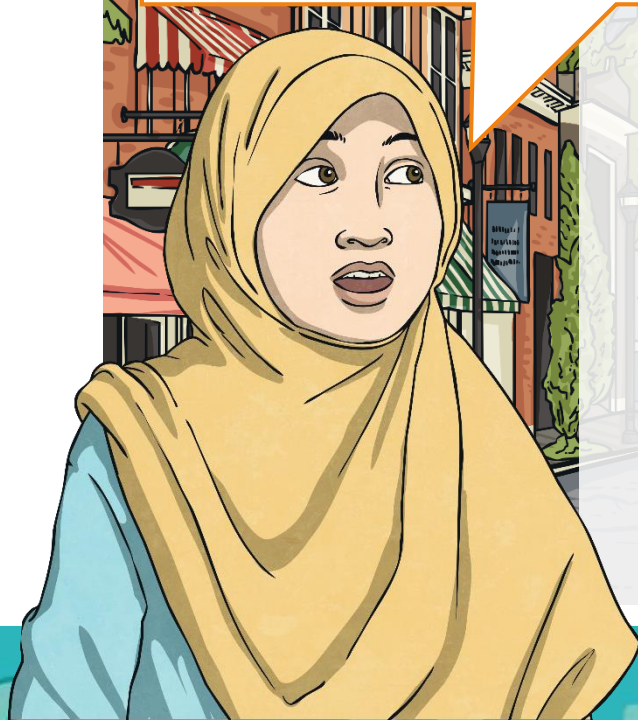


# Digit Card Combinations



List all the **two-digit** numbers that can be made using these digit cards.

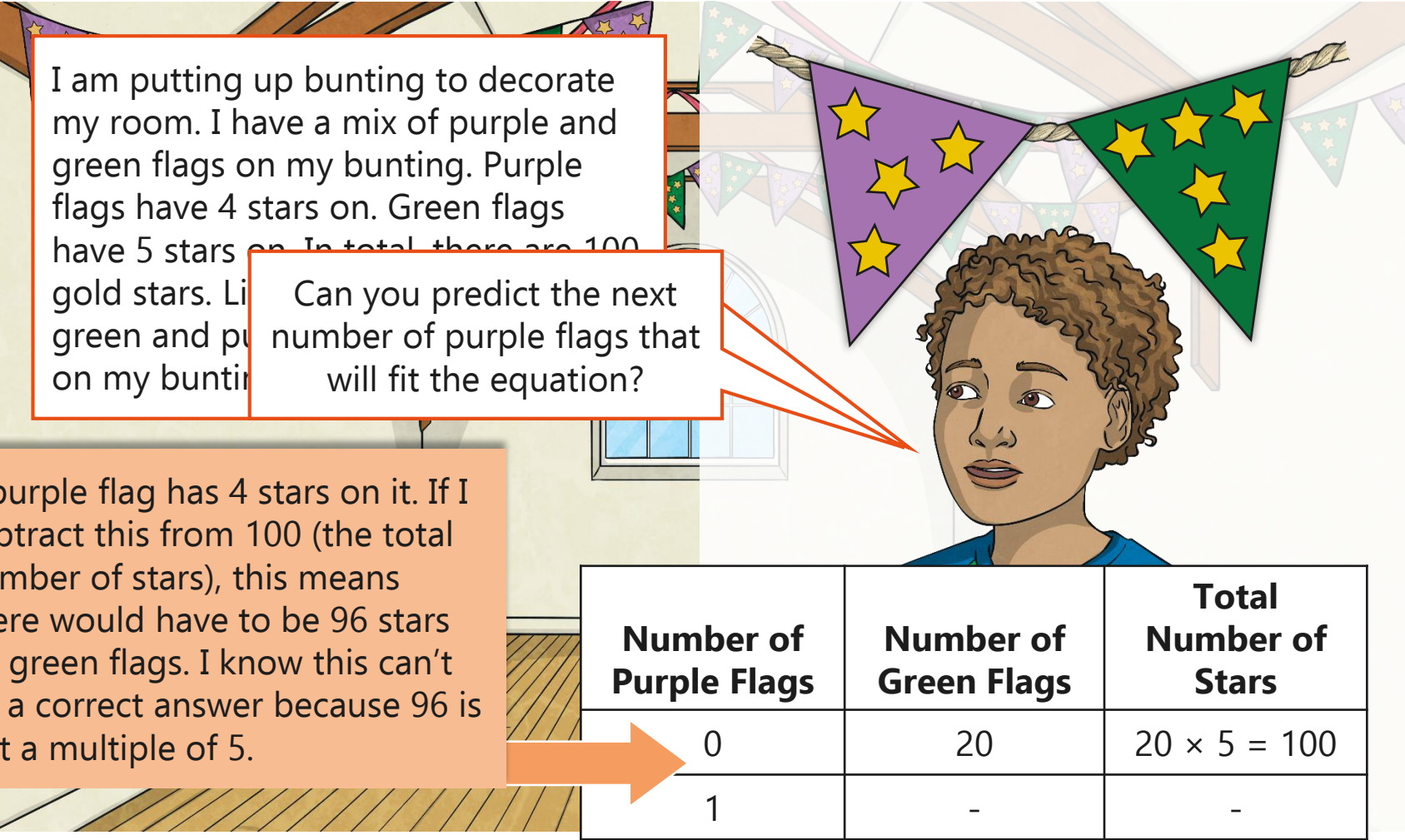
What strategies can you use to help you know that you have found all possible answers?



## Answers:

12	21	31	51	61
13	23	32	52	62
15	25	35	53	63
16	26	36	56	65

# Bunting Combinations



I am putting up bunting to decorate my room. I have a mix of purple and green flags on my bunting. Purple flags have 4 stars on. Green flags have 5 stars on. In total there are 100 gold stars. Can you predict the next number of purple flags that will fit the equation?

1 purple flag has 4 stars on it. If I subtract this from 100 (the total number of stars), this means there would have to be 96 stars on green flags. I know this can't be a correct answer because 96 is not a multiple of 5.

Number of Purple Flags	Number of Green Flags	Total Number of Stars
0	20	$20 \times 5 = 100$
1	-	-



# Bunting Combinations



Number of Purple Flags	Number of Green Flags	Total Number of Stars
0	20	$20 \times 5 = 100$
5	16	$(5 \times 4 = 20) + (16 \times 5 = 80) = 100$
10	12	$100$
15	8	$(15 \times 4 = 60) + (8 \times 5 = 40) = 100$
20	4	$(20 \times 4 = 80) + (4 \times 5 = 20) = 100$
25	0	$25 \times 4 = 100$

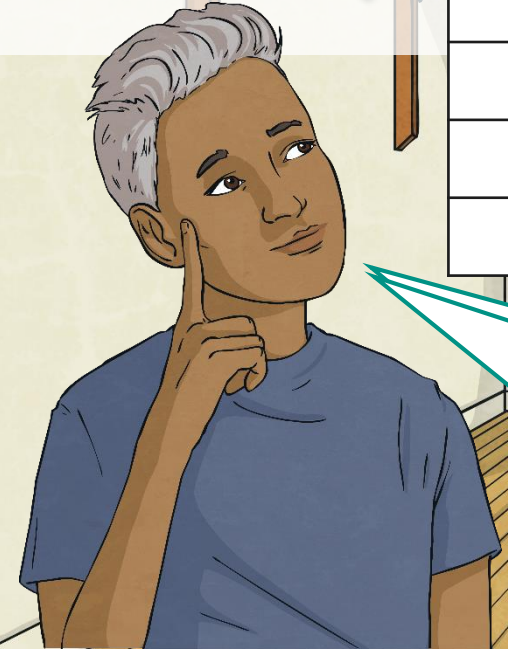
see in the combinations and how you can use this to know you've found all possible combinations.

As the number of purple flags increases by 5, the number of green flags decreases by 4.

# Bunting Combinations



Number of Pink Flags	Number of Blue Flags	Total Number of Hearts
0	15	$15 \times 2 = 30$
2	12	$(2 \times 2 = 4) + (12 \times 2 = 24) = 28$
4	9	$(4 \times 2 = 8) + (9 \times 2 = 18) = 26$
6	6	$(6 \times 2 = 12) + (6 \times 2 = 12) = 24$
8	3	$(8 \times 2 = 16) + (3 \times 2 = 6) = 22$
10	0	$10 \times 3 = 30$



Explain any patterns you can see in the combinations and how you can use this to know you've found all possible combinations.

Decorate my room. I have a ... on ... flags ... s. List ... uld b ... As the number of pink flags increases by 2, the number of blue flags decreases by 3.



1) Here are two cats and three cushions.



Draw it out if you need to,  
make sure you find all  
possibilities!

- a) Make a list showing all the possible combinations of one cat sitting on one cushion.
- b) How many combinations are there? How can you use multiplication to know you have found all possible combinations?

## Answer

- 1) a) *white cat, red cushion*  
*white cat, green cushion*  
*white cat, blue cushion*  
*black cat, red cushion*  
*black cat, green cushion*  
*black cat, blue cushion*
- b) *There are 6 possible combinations. There are two cats and three cushions, if we multiply these sets together we know there are 6 possible combinations.*

2) Felix buys lunch for £3.40. He pays using only a combination of 50p and 10p coins.

a) List all the combinations of 50p and 10p coins he could have used to pay the exact price.



b) Explain any pattern you notice in the combinations and suggest how you can use this to make sure you have found all possible combinations.

3) Red fireworks shoot 6 stars and yellow fireworks shoot 4 stars. A firework display uses only red and yellow fireworks. There are 72 stars altogether.

a) List all the combinations of the two fireworks that total 72 stars.



b) Explain any pattern you notice in the combinations and suggest how you can use this to make sure

These activities are meant to challenge you, make sure you are resilient and don't give up straight away!

## Answers

2) a)

50p coin(s)	10p coin(s)
1	29
2	24
3	19
4	14
5	9
6	4

b) *As the number of 50p coins increases by one, the number of 10p coins decreases by five. When the number of 10p coins reaches a number less than five, we know we have found all the possibilities.*

3) a)

Red Firework 6 stars	Yellow Firework 4 Stars	Total Stars
$0 \times 6$	$18 \times 4$	72
$2 \times 6$	$15 \times 4$	72
$4 \times 6$	$12 \times 4$	72
$6 \times 6$	$9 \times 4$	72
$8 \times 6$	$6 \times 4$	72
$10 \times 6$	$3 \times 4$	72
$12 \times 6$	$0 \times 4$	72

b) *As the number of red fireworks increases by 2, the number of yellow fireworks decreases by 3. When the number of yellow fireworks reaches zero, we know we have found all the possibilities.*

# English

Thursday 11<sup>th</sup> June and Friday 12<sup>th</sup> June 2020 (Continue)

LO: to write a persuasive advert

*Today, you will create your Mexico tourism poster – you can use the pictures on the next slide as inspiration*

Title

Introduction

Subheading 1

Paragraph

Subheading 2

Paragraph

Subheading 3

Paragraph

Summary







# Grammar

Thursday 11<sup>th</sup> June 2020

LO: to recognise and use passive verb forms

## Steps to success:

1. Find the subject of a sentence.
2. Find the object in a sentence.
3. Apply your knowledge of active and passive verb forms to create your own sentences.

Revision clip - <https://www.youtube.com/watch?v=cOhUmttk90>

# Subject and object (revision)

What is the **subject** of each of these sentences?

The dog barked.

The dog bit me.

I bit the dog.

You must get off the bus.

This bus goes to Leeds.

I am a dog.

**The dog** barked.

**The dog** bit me.

**I** bit the dog.

**You** must get off the bus.

**This bus** goes to Leeds.

**I** am a dog.

# Subject and object (revision)

What is the **object** of each of these sentences? Do they all have an object?

The dog barked.

The dog bit me.

I bit the dog.

You must go to Leeds on the bus.

I'm sharpening my pencil.

Get a new pencil.

The dog barked.

The dog bit **me**.

I bit **the dog**.

You must go to Leeds on the bus.

I'm sharpening **my pencil**.

Get **a new pencil**.

# Passive verbs

A passive verb lets us use the object of the action as the subject of the sentence.

The dog bit me. (active verb)

I was bitten by the dog. (passive verb)





# Turn these active verb sentences into passive verb sentences:

Bees make honey.

**Honey is ...**

The sun  
warmed and  
dried him.



A passing herd of buffalo  
nearly flattened us.

A projecting ledge of rock  
broke my fall.

**Honey is made by bees.**

**He was warmed and  
dried by the sun.**

**We were nearly flattened  
by a passing herd of  
buffalo.**

**My fall was broken by a  
projecting ledge of rock.**

# Turn these passive verb sentences into active verb sentences:

My fall was broken by a  
projecting  
ledge of rock.

A projecting ledge of rock  
broke my fall.

The robbers  
were seen by  
a member  
of the public.



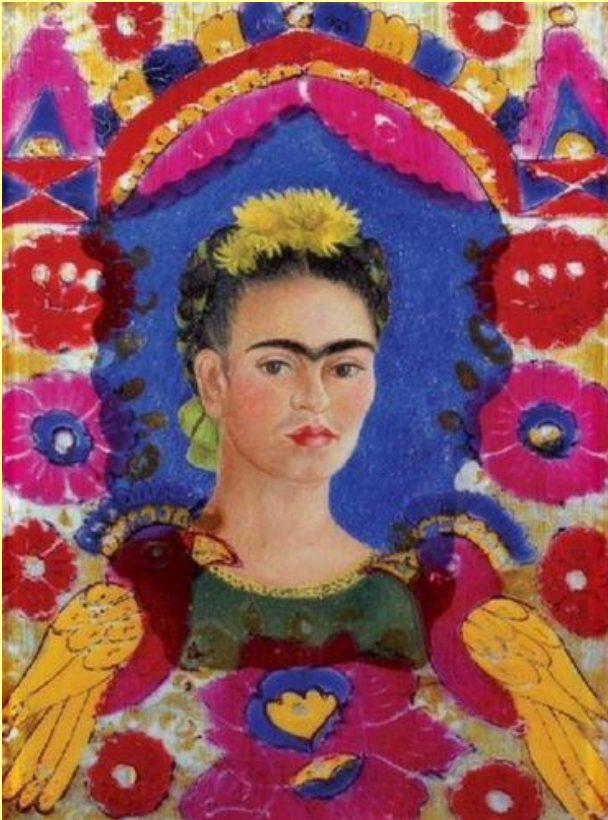
A member of  
the public saw  
the robbers.

**11.06.20**

**LO: To create a self portrait in the style of Frida Kahlo**

<https://www.youtube.com/watch?v=wfbLR15Bh74>

**Task:** To draw a self-portrait in the style of Frida Kahlo.



Frida Kahlo is a famous Mexican surrealist artist. She uses nature and bright colours to create her self-portraits. Often, the nature elements are used to represent an idea she believes in. For example, a dove or other bird may be used to represent freedom.

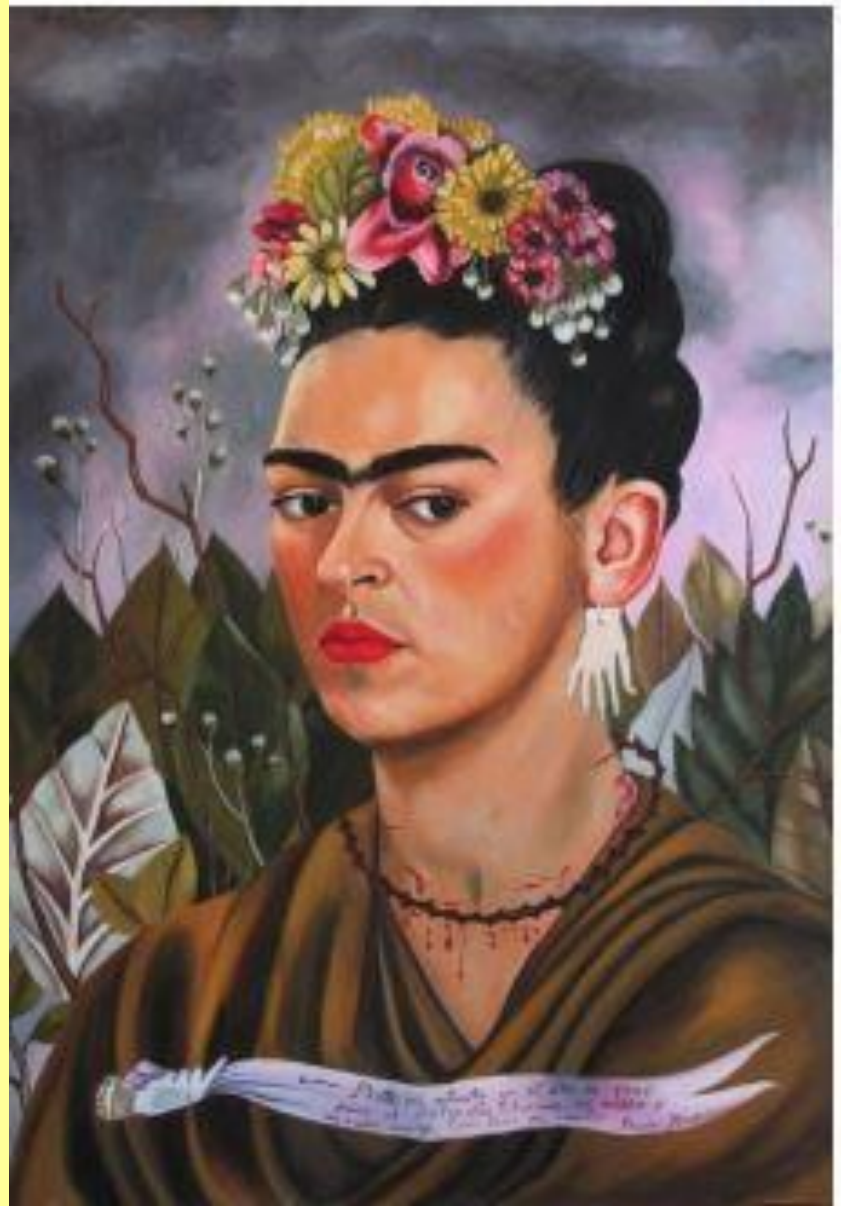
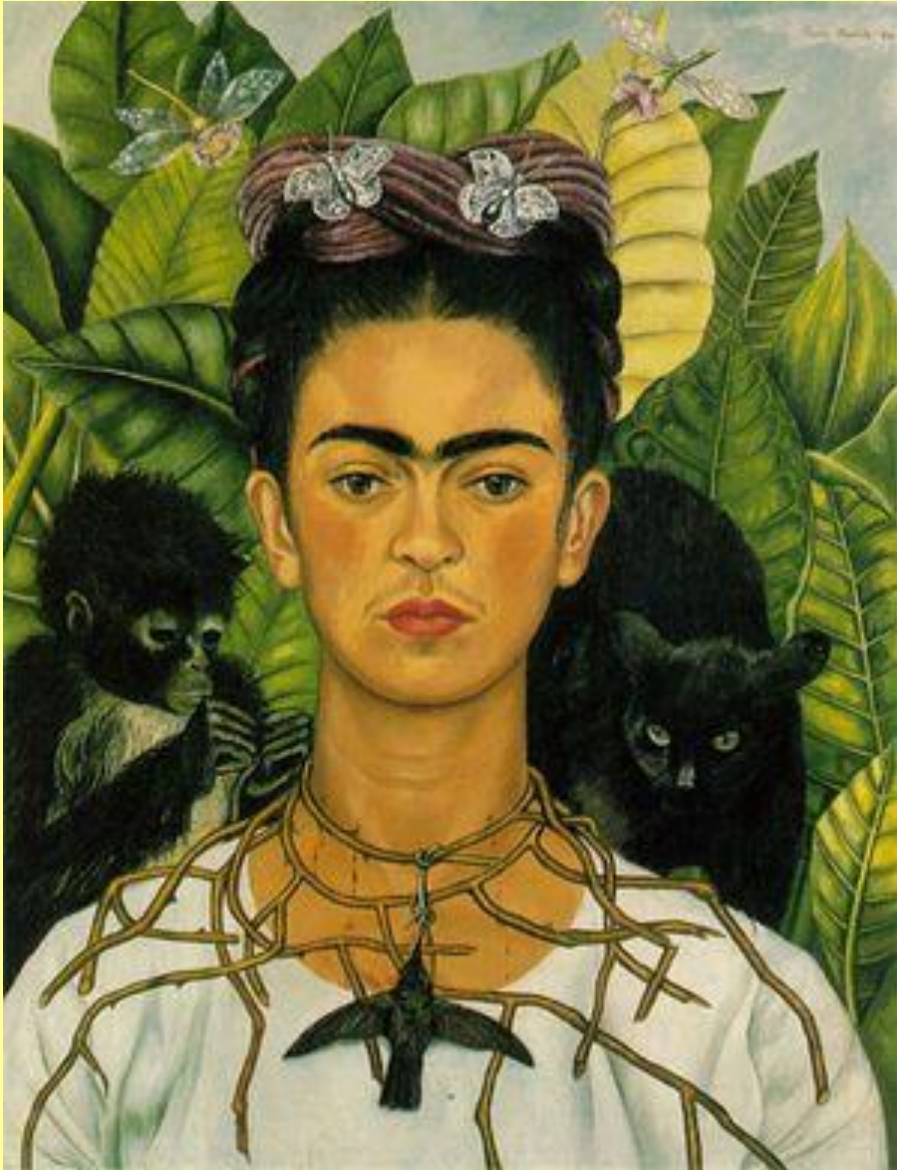
**What colours will you use?**

**Will you paint or draw?**

**How will you include nature?**

**How could you demonstrate your beliefs, value or interests?**





# Friday 22<sup>nd</sup> May 2020

Please remember it is really important for you to read everyday for at least 10 minutes. It is a good idea to read lots of different texts, not just fiction.

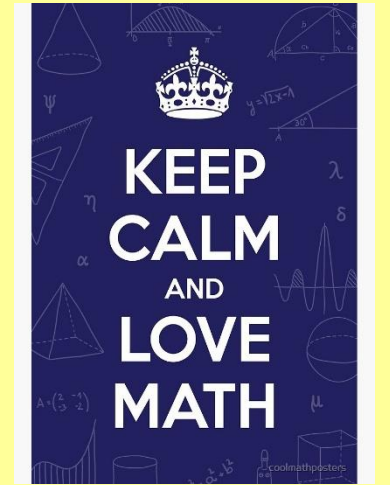




**12.06.20**

**LO: To apply a range of arithmetic skills**

<https://myminimaths.co.uk/year-6-arithmetic-practice-papers/>



**Click on link**

Select 'Paper 14' and complete questions in book/or piece of paper

**Answers can also be found by following the links**

**Ch – Set yourself a 30 minute timer to complete the task.**



**12.06.20**

**LO: To independently write based on a stimulus**



**Steps to success**

Today is a free write, it just has to be based on the following video

<https://www.youtube.com/watch?v=-v4-1wFEzM0>

It is based on the Mexican 'Day of the Dead' festival. Below are some options you may want to choose:

- Diary entry
- Informal letter
- Flashback story
- Single or dual narrative
- Ghost story
- Newspaper report
- Non-chronological report

WOW! Aim to use some of these in your writing!

- Sentence types
  - Humour
  - Irony
- Varied punctuation ( ) : : - ! ?

**12.06.20**

**LO: To investigate prefixes**

**Steps to success**

Use the internet to find the meaning of prefixes

Find five words that begin with each prefix

Ch – Use one word from each prefix list in a sentence.



This week we are investigating prefixes. A prefix is a group of letters that is added to the beginning of a word to change its meaning, e.g. unhappy or subway.

Using the internet or books find the meaning of each of these prefixes and write it below:

1. auto \_\_\_\_\_

2. dis \_\_\_\_\_

3. un \_\_\_\_\_

4. pre \_\_\_\_\_

5. anti \_\_\_\_\_

Then find five words (where possible) starting with that prefix and list them in the table below.

auto	dis	un	pre	anti

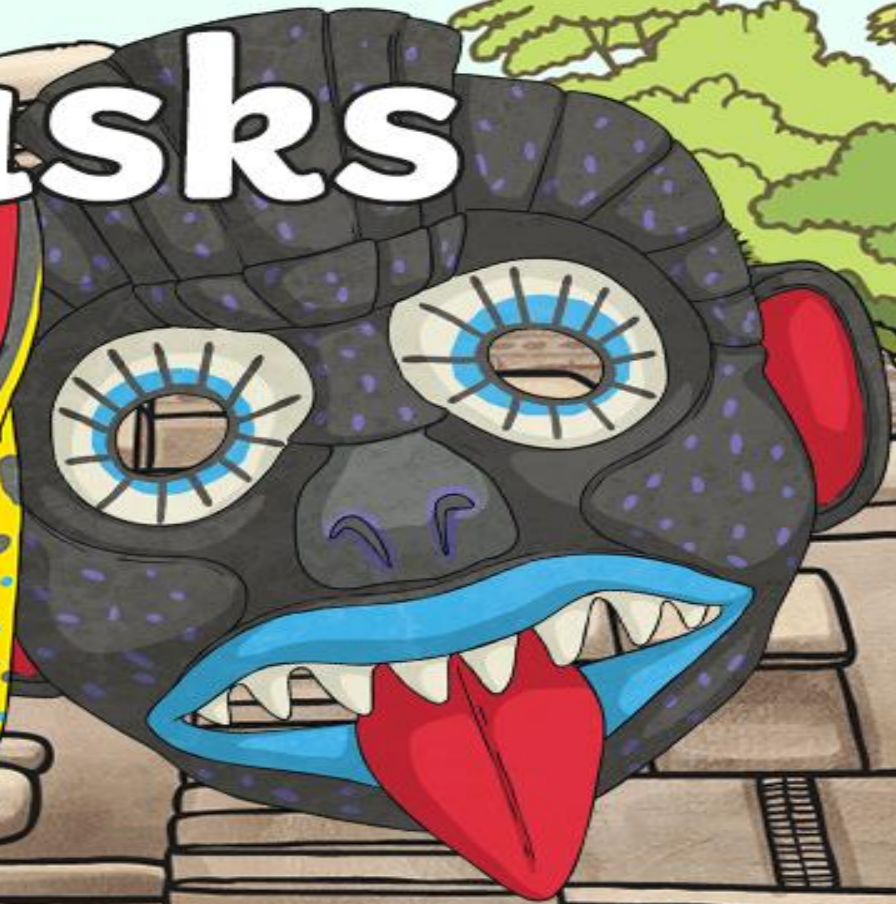
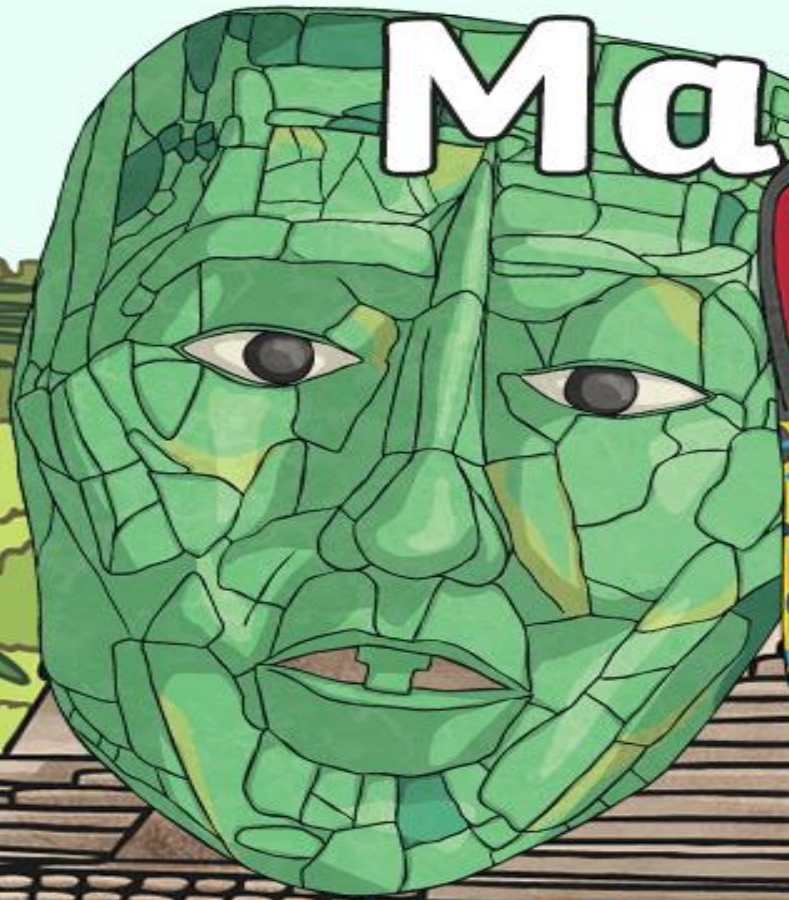
# Creative

Friday 12<sup>th</sup> June 2020

- LO: To design a Mayan mask, and explain the purposes and features.
- Think about the different types of Mayan masks. Will it be a death mask, or a mask for a special occasion? What colours will you use? How will you make it fit the purpose it is being worn for? What materials will you need?
- When you are ready, you may begin.



# Maya Masks



twinkl



# Mayan Masks

- Mayan masks had a wide variety of uses, and the importance of the masks dictated how intricate the designs on various masks were. The most sacred Mayan masks featured complex and delicate mosaics made out of jade.
- Other materials used were stone, wood, gold, shell and obsidian (a hard, dark, glass-like volcanic rock)



# Why were they used?

- The Maya used masks for a variety of reasons and occasions. These included:
- To adorn (decorate) the faces of the dead
- To be worn at important events
- To be worn during battle





# Battle Masks



- Some masks which were simple in style were worn by the Mayans during important events like Battles, and usually carved from wood or stone.
- These designs focussed on the use of darker colours.
- They were worn for one of two reasons:
  - To protect the wearer during battle by adding spiritual power
  - To intimidate the enemy



# Event Masks

- Other masks were designed to be worn during important events such as weddings and birth ceremonies. These masks often used heavenly beings, animals or designs for entertainment purposes.
- These masks used amazing designs with bright, vibrant colours painted onto wooden surfaces.





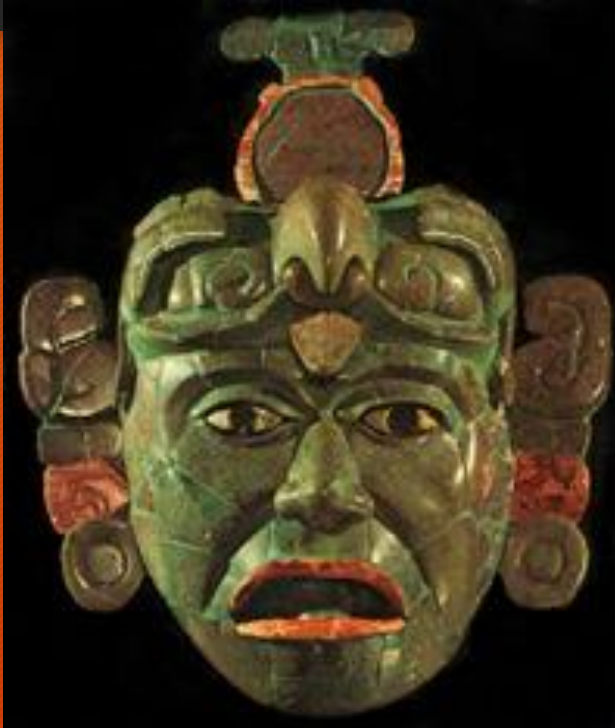


# Death Masks

- Finally, those masks used to adorn the faces of the dead were often seen as the most sacred and therefore were the most elaborate.
- These masks used a mosaic patterning of the beautiful greens and blues of the Jade stone to show the close sacred connection between the people and their Gods.
- The funeral masks protected the individual while descending into the underworld "Xibalba" in order to defeat the gods of death and to be able to ascend as the Mayan "God of the Corn".



## Other designs





# Over to you!

- Think about the different types of *Mayan masks*. Will it be a death mask, or a mask for a special occasion? What colours will you use? How will you make it fit the purpose it is being worn for? What materials will you need?
- When you are ready, you may begin.