

**Tuesday 21<sup>st</sup> April, Year 5**

**English**

Remember when we looked at and wrote kenning poetry? Here is an example of a short kenning. What is the poem describing?

Paw licker  
Day dreamer  
Milk drinker  
Ball chaser  
Dog hater  
Mouse chaser  
Stroke lover

You can see another funny kenning here.....

[https://www.youtube.com/watch?v=3igAyQ2ExPM&feature=emb\\_logo](https://www.youtube.com/watch?v=3igAyQ2ExPM&feature=emb_logo)

Your task is to create a kenning about another person. Who will you choose? You could choose a member of your family, a famous person or a character from one of our class texts – maybe the Highwayman or Marianne, from “Marianne Dreams”.

Challenge: Can you write some of your poem in rhyming couplets? Could you include alliteration?

Example:

**Wing *flapper***  
**Jaw *snapper***  
***Princess protector***  
***Danger detector***






## **Maths**

Today we are going to investigate square numbers.

A square number is made when we multiply a number by itself. For example,  $5^2$  is the same as  $5 \times 5 (= 25)$ .

Choose your chilli challenge. When you have finished, check your answers on a calculator – NO CHEATING!

		
$5^2 + 2^2$	$8^2 + 7^2$	$13^2 + 11^2$
$4^2 + 3^2$	$6^2 + 5^2$	$14^2 + 9^2$
$6^2 + 4^2$	$9^2 + 6^2$	$15^2 + 8^2$
$7^2 + 3^2$	$10^2 + 8^2$	$17^2 + 10^2$
$6^2 + 5^2$	$11^2 + 8^2$	$18^2 + 9^2$
$8^2 + 3^2$	$12^2 + 7^2$	$19^2 + 8^2$

## **Extras**

Don't forget to read!

Practise your times tables – look at <https://www.timestables.co.uk/games/> and create a free account.





















Log onto NumBots and Times Table Rock Stars.

## Whole week projects:

### History

#### MAYA MATHEMATICS - Challenge 1: Numbers under 19

Please draw this key out in your book. Use it to write your date of birth, phone number and 30 Maths questions in Maya numerals. (They must all use numbers that are less than 20.) Remember, the Maya invented the number 'zero'.

				
0	1	2	3	4
				
5	6	7	8	9
				
10	11	12	13	14
				
15	16	17	18	19













#### Challenge 2: Numbers up to 399

Now, have a go at reading these higher numbers. Look really carefully at the explanation below. Then draw the Mayan numbers in your book and write their equivalent in our number system. (The answers are on the next page, but don't look until you've had a go at working them all out!)



## 0-399 Maya Number System

Can you work out these Maya numbers? Use the key to help you.




		
<input type="text"/>	<input type="text"/>	<input type="text"/>
		
<input type="text"/>	<input type="text"/>	<input type="text"/>
		
<input type="text"/>	<input type="text"/>	<input type="text"/>
		
<input type="text"/>	<input type="text"/>	<input type="text"/>

The Maya only counted up to 20. After that they would count in multiples of 20.

The symbols in the top row need to be added together and multiplied by 20:  
 $(1+5) \times 20 = ?$













The bottom row simply needs to be added together:  
 $1 + 1 + 5 + 5 = ?$

The total value of the symbols can be calculated by simply combining the two values together!  
 $(6 \times 20) + (1 + 1 + 5 + 5) = ?$

Key	
	0
	1
	5
Number of 20s	
Number of 1s and 5s	



## 0-399 Maya Number System Answers

 6	 49	 132
 160	 120	 325
 50	 347	 258
 118	 59	 109

### Science

- <https://www.bbc.co.uk/bitesize/topics/zgssgk7/articles/z2msv4j> - watch the clip and then complete the interactive activity to put the life cycle in order. Draw a diagram of the human life cycle. Describe one of the stages- what are the key features of that stage?
- Drop a piece of paper to the ground. What do you notice? How can you make it fall faster?- why does the paper falls the way it does? Try to use the vocabulary to describe forces; for example, air resistance, gravity, push, pull, surface.
- Watch a video about the solar system, for example <https://www.bbc.co.uk/bitesize/topics/zdrd2p/articles/ztsqj6f>. Try to create a model of the solar system- think about the size of the planets and the sun. You could use Play Dough, or balls of paper, or different sized balls that you have at home. Which planet is the smallest? Which is the largest? Why not send a picture of your model to the school office?

