




Jupiter Class – Roley’s Ten Day Challenge – Set 2

Creativity	Challenge	Curiosity	Caring	Fun
<p>Design and make a paper aeroplane that will travel the furthest. Does changing your design make it go further?</p> <p>Write a story or create a comic strip for ‘a life without plastic’.</p> <p>Create a drawing or painting of our mascot Roley. Email a photo of your artwork into school.</p> <p>Take part in our Term 5 Art Project and make a mobile from recycled materials!</p>	<p>Complete Roley’s maths challenges (see attached)</p> <p>Find 5 minutes each day to write a diary entry.</p> <p>Learn, practise and master the art of origami. Find out when and where it was invented.</p> <p>How many times can you throw a ball, clap then catch it in a minute? Challenge another member of your family to beat your record.</p>	<p>Sit quietly for 60 seconds, make a list of everything you can hear. Try this in different places, indoors, outdoor or even in the bath. What do you think it would sound like in space?</p> <p>Collect the seeds from the fruit that you eat. Including tomatoes and squash if you have them. Do they all look the same? Plant them and observe how they grow</p> <p>Draw a map of your local area and highlight interesting landmarks.</p>	<p>Build a reading den and share a story with someone in your family.</p> <p>Write a list of things that make you happy, things you’re grateful for or things you like to do to help other people.</p> <p>Thank a community hero - think of someone that helps you in some way and write a short letter to thank them.</p> <p>Write the weekly shopping list.</p>	<p>Draw around your hand and create a ‘hand animal’. How creative can you be? (see attached)</p> <p>Make a potato into a Disney character!</p>  <p>Garden/Indoor Treasure hunt. Hide some ‘treasure’ (money/chocolate/sweets). Write a set of clues that will help members of your family find their way to the treasure.</p> <p>Draw a picture of a flower and display it in one of your front windows for others to enjoy.</p> <p>Make up a dance routine for one of your favourite songs that could become a ‘Wake up, Shake up’ routine.</p>




*Hello! Please choose **at least** two activities from each list to complete. Please bring your work back to school in the folder that you have been given so that you can share it with your class teacher and friends. Email any photos of your learning into school so that we can see what you are getting up to!*

Thank you.

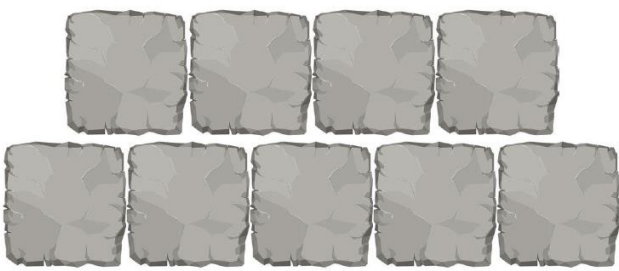
MATHS CHALLENGES

CAVEMAN CONUNDRUM



CAN YOU PLACE THE NUMBERS 1 - 9 ON THE ROCKS BELOW IN SUCH A WAY SO THAT ANY NUMBER ON THE TOP ROW IS EQUAL TO THE SUM OF THE TWO NUMBERS DIRECTLY UNDERNEATH IT?

1	2	3
4	5	6
7	8	9



Lowest Number

What is the lowest number that has all three of these properties?

- It is the sum of five consecutive numbers.
- It is the sum of two consecutive odd numbers.
- It is the sum of three consecutive even numbers.

Sets of consecutive numbers

Certain sets of three consecutive numbers, whose sum is less than 50, make the following patterns. Which sets of numbers are they?

- A prime followed by a cube, followed by a square.
- A triangular number, followed by a square, followed by a prime.
- A square, followed by a triangular number, followed by a prime.
- Multiples of 2, 3, 4 in this order.

Number Party Fun

I am having a number party!
Only some numbers are invited.



These numbers **are** invited: 56, 105, 28, 63, 49

These numbers **are not** invited: 100, 18, 65, 9, 76

Two of these numbers are invited: 16, 14, 57, 24, 70

What is special about the numbers at my party?

Birthday Presents

Jenny, Mary, Kieran, Charles and Elisa each gave one present to someone else in the group.
No one received more than one present.

Who gave what to whom?

Mary receives a DVD
Charles receives a book
Elisa gave a football
Charles gave a scarf, but not to Elisa
Kieran gave a jigsaw puzzle and did not receive the scarf

FUN CHALLENGE – create a hand animal

