



Jupiter Class – Roley's Ten Day Challenge – Set 3

Creativity	Challenge	Curiosity	Caring	Fun
<p>Make a bee to join our whole school mental health display when we return to school. Your bee must be no bigger than 15cm or a piece of A5 paper. Your bee can be 2D or 3D. You could draw it, paint it, collage it, model it, knit it or even crochet it! The more unique the better!</p> <p>Create a spring flower collage by collecting coloured materials from your garden or home. Email us at school with your creations.</p> <p>Write a song or rap about your favourite subject.</p>	<p>Complete the 'Talk For Writing' home school booklet for your year group.</p> <p>Year 5: https://www.talk4writing.co.uk/wp-content/uploads/2020/04/Y5-Unit.pdf</p> <p>Year 6: https://www.talk4writing.co.uk/wp-content/uploads/2020/04/Y6-Unit.pdf</p> <p>Complete Roley's Maths challenges (see below).</p> <p>Please complete BOTH of these challenges.</p>	<p>Science at home. Follow the link to try out some of the suggested experiments:</p> <p>http://www.sciencefun.org/kidszone/experiments/</p> <p>All NHS staff play a vital role in keeping us safe. Research each role and create fact files about each job. Which job would you like to do and why?</p> <p>Use Google Earth or Google Maps to look at the geographical features of Bristol and Brazil (South America). What similarities and differences do the two locations have? How does their geographical location impact these similarities and differences? Now choose three different places and do the same thing. Do you notice any patterns?</p>	<p>Complete this 'Time Capsule' booklet. When we are back together in school, we will share, copy & bury your booklet in a school time capsule!</p> <p>https://www.bubblefoundation.org.uk/perch/resources/admin/2020-covid-19-time-capsule-sheets.pdf</p> <p>The NHS staff show kindness and spread happiness every day. Create a Kindness Jar by writing acts of kindness and popping them into the jar.</p> <p>Find a selection of recipes for savoury dishes. Create a menu of 'Dinner Dishes' for one week. Your recipes must be nutritious and include ingredients that all your family enjoy to eat.</p> <p>https://www.nhs.uk/change4life/recipes/dinner#all-dinner-recipes</p>	<p>Make a turtle bookmark (instructions attached)</p> <p>Find a photograph or picture of an animal/insect that lives in a rainforest and sketch it.</p> <p>Design and make an indoor/outdoor obstacle course. How fast can you and other family members complete it?</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.

House Points

How many house points did each child in Grey House receive?

Usha	Sally	Tom
Anne	Sanjay	Jeremy
Sue	Bob	Pete

- At the end of the year the 9 children in Grey House all received some house points.
- The children's house points are consecutive numbers.
- The total house points for Grey House was 144 points.
- Each line of three children received the same total of points.
- No two children had the same number of house points.
- All children's house points were two-digit numbers.
- Jeremy had the least house points and sits in the same line as the girl who received more house points than anyone else.
- Jeremy did not have the same points as Sanjay.

Work out the value of each symbol

When you have solved the problem create your own missing value problem for us to solve.

$$\triangle + \star + \diamond = 100$$

$$\triangle + \diamond = 67$$

$$\star - \diamond = 18$$

Five Pairs

Pair these ten numbers so that the difference between the two numbers in each pair is exactly divisible by 7.

6	28	58	
	78	45	98
17	64	37	83

Sum and Difference

What number less than 100 is this?

- Its digits add up to 12
- If the ones digit is taken from the tens digit and doubled the answer is also 12.

Using the numbers 1-9 (only once each) fill in the equation square.

	+		-		1
-		+		+	
	x		-		29
-		x		-	
	x		-		-1
-10		9		1	

Flags



A class enters a competition to design a new flag.

They are given a choice of five colours:

blue, red, green, orange and yellow

The flag must have three bands of colour but the colours can be in any order.

How many different flags can the class design?

Multiples, Primes and digit Cards

A B and C

are digit cards. They are used to make different numbers

A B is a prime number

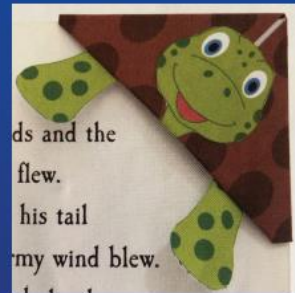
B C is a prime number

C A is a multiple of 5

A B C is a multiple of 9

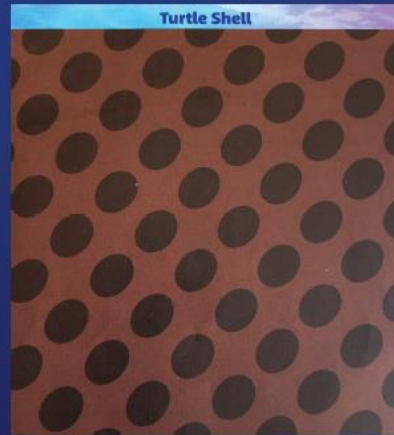
What numbers are A, B and C?

Make Your Own Turtle Bookmark!



You will need...

Turtle Shell



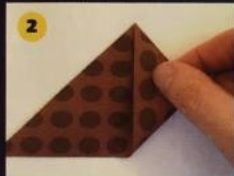
Instructions...



1 Cut out the turtle shell and fold in half diagonally to make a triangle.



The shell needs to be 11.5 cm by 11.5 cm!



2 Fold the right hand corner up to the centre...



3 ...and then fold the left hand corner up to the centre to make a diamond.



4 Open up the diamond to reveal a triangle.



5 Take the top corner of the 2 flaps, take the point and fold down.



6 Fold the right hand corner up and tuck underneath the centre.



7 Now do the same with the left hand corner and tuck under.



8 Turn the shell around 180°, cut out the head and glue to the shell, tucking and glueing the neck under.



9 Finally, cut out the legs and glue to the underside of the shell. You're all done!