

Tuesday 14th July:



Good Morning lovely Year 6 - have a fabulous day.

Today is **Bastille Day** in France – do you know why the French celebrate it? Read this article which tells you why.

<http://www.bbc.co.uk/newsbeat/article/36808199/what-is-bastille-day-and-why-does-france-celebrate-it>

All our love and lots of huggles, Mrs Button and Mrs Amor

Daily reading

Please read for at least half an hour today.
Why not sort out some books and swap some with a friend?

Daily Maths

Investigations:

1.

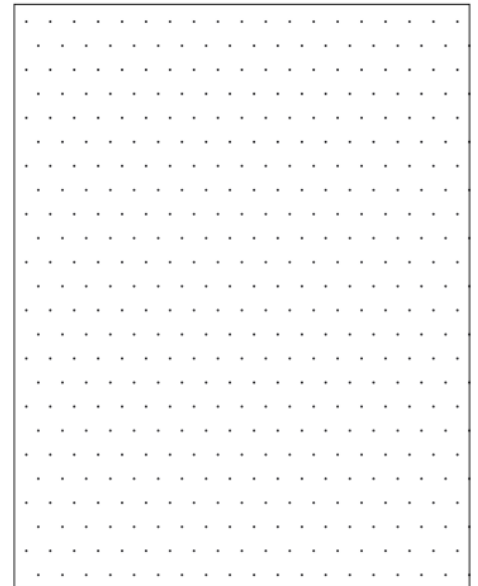
Routes

Find the different shortest routes from point A to each other letter. Routes must be on the lines in a horizontal or vertical direction.

I	H	G	
C	D	F	
A	B	E	

Record your results in the table below.

Journey	Number of routes	Different routes
AB	1	AB
AC		
AD		
AE		
AF	3	ACDF, ABDF, ABEF
AI		
AH		
AG		

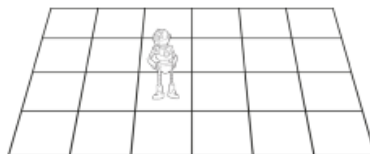


Now try routes on isometric paper

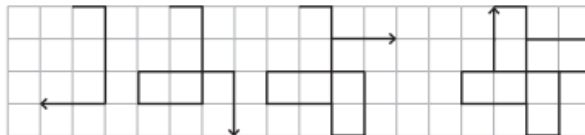
2.

Spirals

A robot draws spirals on square grids. The robot follows an algorithm of numbers. After each number in the algorithm, the robot turns 90° to the right.



Here is how the pattern (1, 3, 2) can be drawn:



The arrow is only to indicate how the shape is drawn.

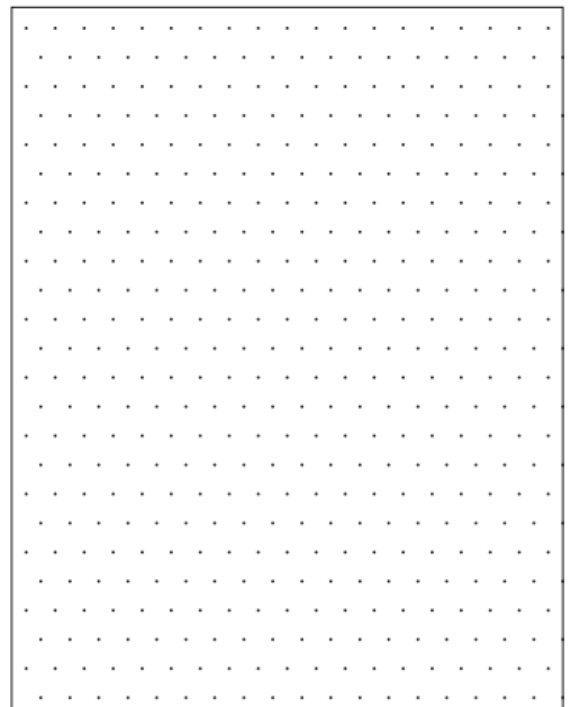
Here are some of the patterns drawn by different algorithms.



On square paper, try these spirals:

- (2)
- (3, 1, 1)
- (2, 3, 1, 1)
- (3, 2, 1, 1, 2)

Investigate:

1. Some spirals are closed, while others go on and on. Can you explain why?
2. Can you find sets of numbers that give the same spirals?
3. Try on isometric paper and turn 120°.



<p>Daily English</p>	<p>Writing to Entertain - Dream Big:</p>  <p>Choose one or more of the following: What do you think is happening here? Why is the title 'Dream Big'? Is the girl touching the stars? Did she draw the constellation? Is the animal beside her a dog? A wolf? Something else? Why does it have trailing lines? Is it real? Is it her pet? Could it be a dæmon, like in Northern Lights? Why are they standing on piles of books? Does this picture have a message? What could it be?</p> <p>On Yuumei's website, this picture is accompanied by the caption, 'Let your imagination grow.' Why do you think this is? Write a poem or a short story titled – 'Dream Big' - using the picture as inspiration.</p>
<p>Well-being</p>	<p>Lion Breathing Yoga: Take a deep inhalation through the nose. Then simultaneously open your mouth wide and stretch your tongue out, curling its tip down toward the chin, open your eyes wide, contract the muscles on the front of your throat, and exhale the breath slowly out through your mouth with a distinct "ha" sound.</p> 
<p>Problem of the Day</p>	<p>Monday's problem: Alice and Ben cross first in two minutes, and Alice crosses back alone with the torch in one minute. Then the two slowest people, Cindy and Don, cross in eight minutes. Ben returns in two minutes, and Alice and Ben return in two minutes. They just made it in 15 minutes exactly.</p> <p>Today's Problem: There is a barrel with no lid and some wine in it. "This barrel of wine is more than half full," says the woman. "No, it's not," says the man. "It's less than half full." Without any measuring implements and without removing any wine from the barrel, how can they easily determine who is correct.</p>
<p>Healthy Me</p>	<p>Throw Clap Catch: Choose a type of ball Throw the ball in the air Clap as many times as you can Catch the ball Record your score.</p> <p>Personal Best: Try to get your best score over three days. Play against someone, best of three wins. If you haven't got a ball, you could find something in your home that is suitable to throw and catch like a toilet roll.</p>

The activities below are supplementary and can be used to further extend learning opportunities whilst at home.

Home Learning	<p>Please look at your Home Learning grid.</p> <p>Visit the school website at https://www.newbridge.bathnes.sch.uk/ and go to the tab Classes and click on your class.</p> <p>Please plan and complete these activities throughout the duration of the school closure.</p>
Termly Spellings	<p>Please take time to learn spellings for future weeks and to re-visit past spellings. These can be found on the school website at https://www.newbridge.bathnes.sch.uk/ and go to the tab Classes and click on your class.</p> <p>Also, you can learn the Year 5/6 statutory words that we have provided for you. Concentrate on the spellings that you know you find tricky.</p> <p>Remember the ways in which we practice them each week in class:</p> <ul style="list-style-type: none">• Writing them forwards and backwards• Writing the vowels in a different colour• Write them in a pyramid shape• Look, write, cover, check• Each letter could be a different colour• You could also find out their meaning by using a dictionary• Can you write each one in a sentence?
National Curriculum Word Lists	<p>Look in your Reading Log and find all of the spellings for your year group. How many of these can you learn? Can you write a sentence using the words?</p>
Curriculum Overview	<p>Take time to look at the Curriculum Overview for your year group. This can be found on the school website at https://www.newbridge.bathnes.sch.uk/ Go to the tab Key Information, go down the menu on the left hand side to Curriculum, go to Termly Overview and click on the one for your year group.</p> <p>Talk to a grown up at home and decide on an aspect you would like to find out more about. This means that when you come back to school, you will be able to share something new.</p>
Useful websites	<p>Please see the useful websites list.</p>

Well done for trying all of these areas of learning. Please can I ask that your parent sends a few lines in an email to let me know what you have completed today.

All Year 6 communication to go through this email:

6b@newbridge.bathnes.sch.uk

Please look out for tomorrow's learning, from Mrs Amor and Mrs Button.