

Monday 22nd June

Good Moring Year 6! How are you all? We hope that you had a lovely weekend. Enjoy this week's learning – today's maths is lots of fun!

Love Mrs Button and Mrs Amor.

Daily reading

Please read for at least half an hour today.

Here's a maths poem – perhaps you could learn it off by heart? Or write your own?

**A Maths Poem
by Andrew N.**

Is it a decimal or is it a fraction,
Should I divide or use subtraction?
Can anyone tell me what is this shape,
Do we use a ruler or maybe a tape?
One hundred centimetres make one metre,
How many millilitres to a litre?
Push the buttons on a calculator,
Teacher shouts 'Use your brains!' – you'll need them later.
Three times six, find the factor,
(But not using a protractor).

Year 6 Book Group

What book shall we choose for our last book group? Email me your suggestions by Tuesday evening and I will choose one.

Daily Maths

This week in Maths, we will be looking at **investigations**.

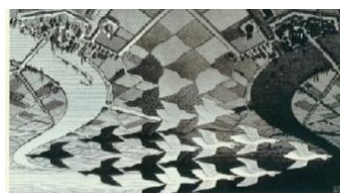
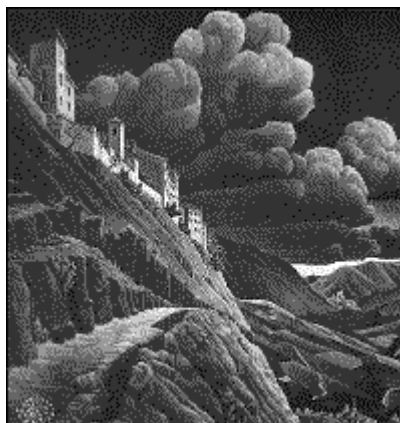
Maurits Cornelius Escher

Have you ever noticed how mathematical ideas are often used in patterns that we see all around us? Sometimes it is hard to decide when maths becomes art, or vice-versa.

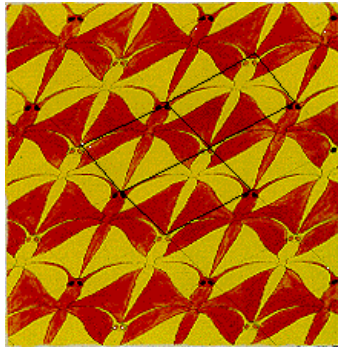
One artist who may have agreed with this is Maurits Cornelius Escher. He was born in 1898, in the Netherlands, and showed great artistic talent from an early age. At first Escher concentrated on sketching scenery and things around him. However, on a visit to Alhambra in Spain, he became fascinated by the Arabic tessellating patterns contained in the tiles and started to experiment more with shapes and mirror images. In the late 1920s people began to recognise his style.

This is called "Castrovalva", a mountainside village, and was finished in 1930.

Gradually, Escher's work began to change. Rather than drawing what he saw, Escher started to express ideas he had in his mind. He was able to create spatial illusions and detailed repeating patterns.



In 1936, Escher made a second trip to Alhambra. After this, his pictures contained more shapes, which were often transformed by reflections, rotations and translations. This produced amazing tessellations.



Can you see the butterfly motifs here?

This picture is made up of identical parallelograms which have been shifted diagonally.

Now it is your turn to create an Escher style pattern.

There's one tile that's good to create and tessellate. Here's how it goes.

A - You start with a rectangle that is twice as long as it is wide.

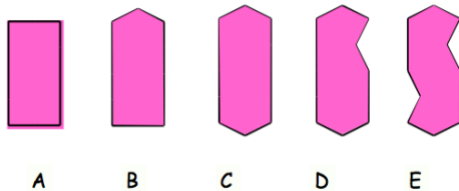
B - Then you make a roof shape at one end - this one happens to be as high as a quarter of the base of the triangle it has made.

C - You then put the same triangle on the other end.

D - On one side you take a bite out just the same size as the roof triangle.

E - Then do the same at the other end of the opposite side.

Now you have the tile shape for tessellating



Now it's time for you to try and find some ways of putting shapes together.

Daily English

Writing to Entertain:



Describe each day of the week as if it were a person

Either write a description of each day of the week as if it were a person (personification)

or write an imaginary conversation between two or three days of the week.

Here's a modelled version to inspire you.

Friday meets Monday

Grumpily, Monday shuffled into the kitchen and slowly poured himself a cup of thick, black coffee. At the back of his head, the migraine was already beginning to throb. He furrowed his brow and began to grind his teeth.

"Good morning!" chirped Friday, as she bounded into the room, sunglasses resting on her glossy hair.

"Keep it down, you toe-rag! I'm not in the mood," replied Monday.

"But it's a beautiful day," pointed out Friday.

"I've got a tonne of work and I didn't sleep last night..."

"You should take it easy," replied Friday, "Come and join me for yoga in the park."

"Out! Get out! You silly girl! I've had enough of your prattling!" exploded Friday.

Well-being

Plan your own Escape Room

<https://thefamilybackpack.com/how-to-plan-a-diy-escape-room-adventure-for-kids/>

Problem of the Day	<p>Friday's Problem: Pour the second glass from the left into the empty glass second from the right.</p> <p>Today's Problem: You have three bags, each containing two marbles. Bag A contains two white marbles, Bag B contains two black marbles, and Bag C contains one white marble and one black marble. You pick a random bag and take out one marble. It is a white marble. What is the probability that the remaining marble from the same bag is also white?</p>
Healthy Me	You have hopefully completed your 5K run - what time did you complete it in? Can you take one minute off your time sometime this week? What's your new PB?
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, 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	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?
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	Please see the useful websites list.

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.