

Wednesday 1st July: Good morning! On this day, in 1908, the Morse Code "SOS" (···---···) distress signal became the worldwide standard for help. Morse Code is a system of electronic communication. It uses dots, dashes, and spaces to represent letters, punctuation, and numbers. The symbols are arranged to spell out a message. A machine called a telegraph converts the symbols into electrical signals and sends them across a wire to their destination. The signals are then converted back into the message by the telegraph that receives them.

International Morse Code

1. The length of a dot is one unit.
2. A dash is three units.
3. The space between parts of the same letter is one unit.
4. The space between letters is three units.
5. The space between words is seven units.

A	·-·	U	·-·-·
B	-·-·	V	·-·-·-·
C	-·-·-·	W	-·-·-·
D	-·-·	X	·-·-·-·
E	·-·-·	Y	·-·-·-·-·
F	·-·-·-·	Z	-·-·-·-·
G	·-·-·-·		
H	·-·-·-·		
I	·-·-·-·		
J	·-·-·-·		
K	·-·-·-·		
L	·-·-·-·		
M	-·-·-·		
N	-·-·-·		
O	-·-·-·		
P	-·-·-·		
Q	-·-·-·		
R	-·-·-·		
S	···-·-·		
T	···-·-·		
		1	···-·-·-·-·-·-·
		2	···-·-·-·-·-·-·
		3	···-·-·-·-·-·-·
		4	···-·-·-·-·-·-·
		5	···-·-·-·-·-·-·
		6	···-·-·-·-·-·-·
		7	···-·-·-·-·-·-·
		8	···-·-·-·-·-·-·
		9	···-·-·-·-·-·-·
		0	···-·-·-·-·-·-·

Can you decode this message written in Morse Code? (Each / separates a letter)

---/·/·-/-/·-· ···-·/·/·-·-·/· ·-/-·-·/· ·-/-·-·-·/·/···/---/---/·

Daily reading

Please read the Ed Sheeran comprehension text and answer the attached questions. This can be found and downloaded on the Year 5 daily learning page of the school website.

Ed Sheeran



Edward Christopher Sheeran, or Ed as he is better known, was born on 17th February 1991 in West Yorkshire. He is a guitarist, songwriter, singer and record producer. As a child, he began learning how to play the guitar and started writing his own songs whilst at high school. He recorded his first music in 2004 and moved to London in 2008.

In 2010, Ed visited Los Angeles in America. It was on this trip that he was spotted by Jamie Foxx, an American singer, songwriter and producer. Jamie was very impressed with Ed's musical talent and invited him to record in his studio. Meanwhile, Sheeran's fan base was growing through his videos released on YouTube.

In 2011, he was signed by Asylum Records. Not long after this, he played his debut single, 'The A Team', on UK television before it was released as a single in the UK, selling over 58 000 copies in the first week. The single was also very successful in countries such as Germany, Japan and New Zealand, plus many more.

Ed's first album was called '+', and featured many hits such as 'You Need Me, I Don't Need You' and 'Lego House'. The album was very successful and within six months had sold over one million copies in the UK alone. After this success, Sheeran won Brit awards for Best British Male Solo Artist and British Breakthrough Act of the Year in 2012. He later supported Taylor Swift on her tour which saw his popularity rise in the USA.

In June 2014, Ed achieved his first number one hit in the UK with 'Sing', then released his second album, 'x'. This album was number one in both the UK and the USA, and he followed it with a world tour.

After winning more awards in 2015, Ed took a break from music and social media. He returned with his next album '+' in 2017. It went straight to number one in many countries around the world.

Sheeran headlined Glastonbury Festival in 2017. He performed with only his trademark loop pedal and guitar. Ed creates all the sounds on stage by himself, repeats them to build up the backing track, then sings over the top. His success continues to rise around the world.

Did You Know?
Ed has been awarded an MBE for his services to charity and music.

If you are unable to access the comprehension, make sure to do 30 mins of independent reading today and discuss what you have read with an adult. Also, take time to ask family members about the books that they are reading.

Daily times tables

Using your knowledge of times tables, try and solve this selection of problems:

1. Write in the missing numbers in this multiplication grid.

×	5	□	□
4	20	36	32
□	35	63	56
□	30	54	48

2. Write in the missing digits to make this correct.

$$\begin{array}{r}
 \square \quad 4 \quad \square \\
 \times \quad \quad \quad 6 \\
 \hline
 2 \quad 0 \quad 5 \quad 2
 \end{array}$$

3. Write in the missing numbers.

$$\begin{array}{c} \text{pencil} \\ \times \\ 22 \end{array} \times \square = 660$$

Termly Spellings

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.

This week's spellings are:


whistle fasten castle
glistening rustle

Activity: Write each word in its own sentence. As a challenge, try to write a cohesive sentence that includes all five words!

Daily Maths

Today, you will estimate volume and capacity of different solids and objects whilst choosing the most suitable unit of measure for different objects e.g. using m^3 for the volume of a room. Remembering that volume is the amount of space taken up by an object, whereas capacity is the amount a container can hold.

Question 1:

 Estimate and match the object to the correct capacity.



3,600 cm^3

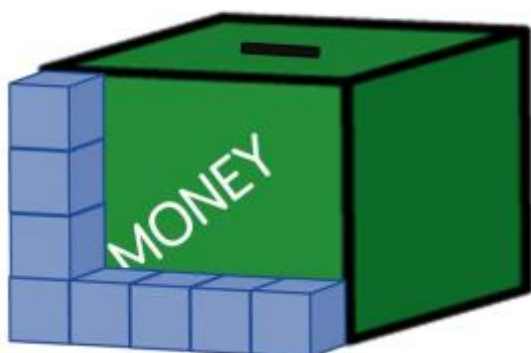
1,000 cm^3

187,500 cm^3

Can you draw a fourth item and estimate its capacity by comparing it to the other objects?

Question 2:

Jack is using cubes to estimate the volume of his money box.



He says the volume will be 20 cm^3

Do you agree with Jack?
Explain your answer.

What would the approximate volume of the money box be?

Question 3:

This cuboid has dimensions of $1\text{cm} \times 1\text{cm} \times 1\text{cm}$.

Estimate the volume of the following cuboids.

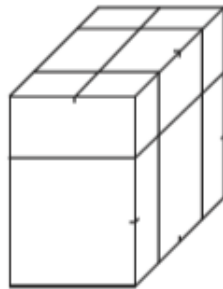


1.



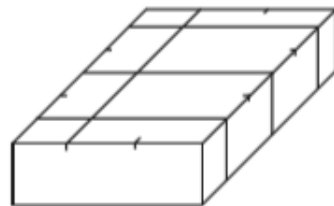
_____ cm^3

2.



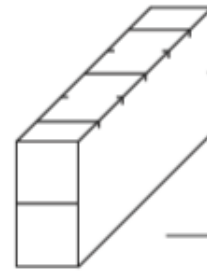
_____ cm^3

3.



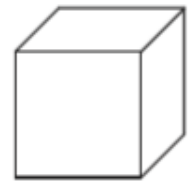
_____ cm^3

4.



_____ cm^3

5.



_____ cm^3

6.



_____ cm^3

Question 4:

This jug contains 150ml of water. Estimate the capacity of the jug. _____



Match the container to its capacity:

1000ml

3000ml

350ml

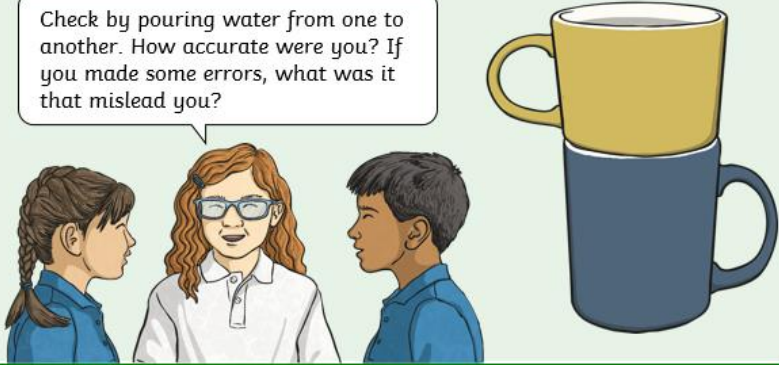


If you would rather learn maths through a more practical task - try this:

The Biggest Mug

Collect some mugs and estimate the capacity of the mugs from smallest to largest.

Check by pouring water from one to another. How accurate were you? If you made some errors, what was it that misled you?



Daily English

Missing Punctuation

Insert all of the missing punctuation into these sentences.

1. What could possibly go wrong
2. It was dark outside the sun had set hours ago.
3. The weather overcast did not spoil the day.
4. Stop right there! the security guard called.
5. He could only think about one thing his exams.
6. Jake trudged home he was disappointed that football had been cancelled.
7. Ben's new haircut was very short it was different from his usual style.
8. Hassan who was getting increasingly frustrated waited for the next bus.

Main Activity:

TO HYPHENATE, OR NOT TO HYPHENATE?

The prefix 're' often means 'do again'. However, sometimes the same word with a hyphen after 're' gives a totally different meaning, like this:

- The old wooden chest was really battered, so we **restored** it.
- The caretaker brought the games out of their usual cupboard, then she **re-stored** them after the fair was over.

For each pair of sentences on the next page, choose the best pair of 're' words from the table below to fill the gaps.

Use your dictionary to help you decide which sentence needs the hyphenated word.

refine / re-fine

recover / re-cover

remove / re-move

reflex / re-flex

recount / re-count

research / re-search

return / re-turn

recycle / re-cycle

remark / re-mark

1) Marek has done lots of _____ on our new topic about 'Space'.
The police are going to _____ the area in the hopes of finding some clues.

2) The test scores seemed very low, so the teacher decided to _____ them.

It is extremely rude to make personal _____ about other people.

3) The basketball hoops have gone from the playground; they were _____ by the builders.

Olly was just learning the rules of chess, so Sam said he could _____ the Knight because he'd made a mistake.

4) This new jumper doesn't suit me, so I'm going to _____ it to the shop.
Can you please turn the plant pots round in the morning, then _____ them every afternoon?

5) If you _____ your use of hyphens, your writing will be more exact.
Dad got a parking ticket last week, and he was _____ in the same place today!

6) When you write about what happened, this is called a _____.
The election for School Councillors was so close, the teacher had to _____ all the votes.

7) Our class won a prize for _____ more used batteries than all the others.

Today, we are _____ the road we covered on our bikes yesterday.

8) "As Kate straightens and _____ her arm, you can see the muscle relax and contract."

Samir is the best goalkeeper because he has really quick _____.

Healthy Me

Today - enjoy belting out some singing!

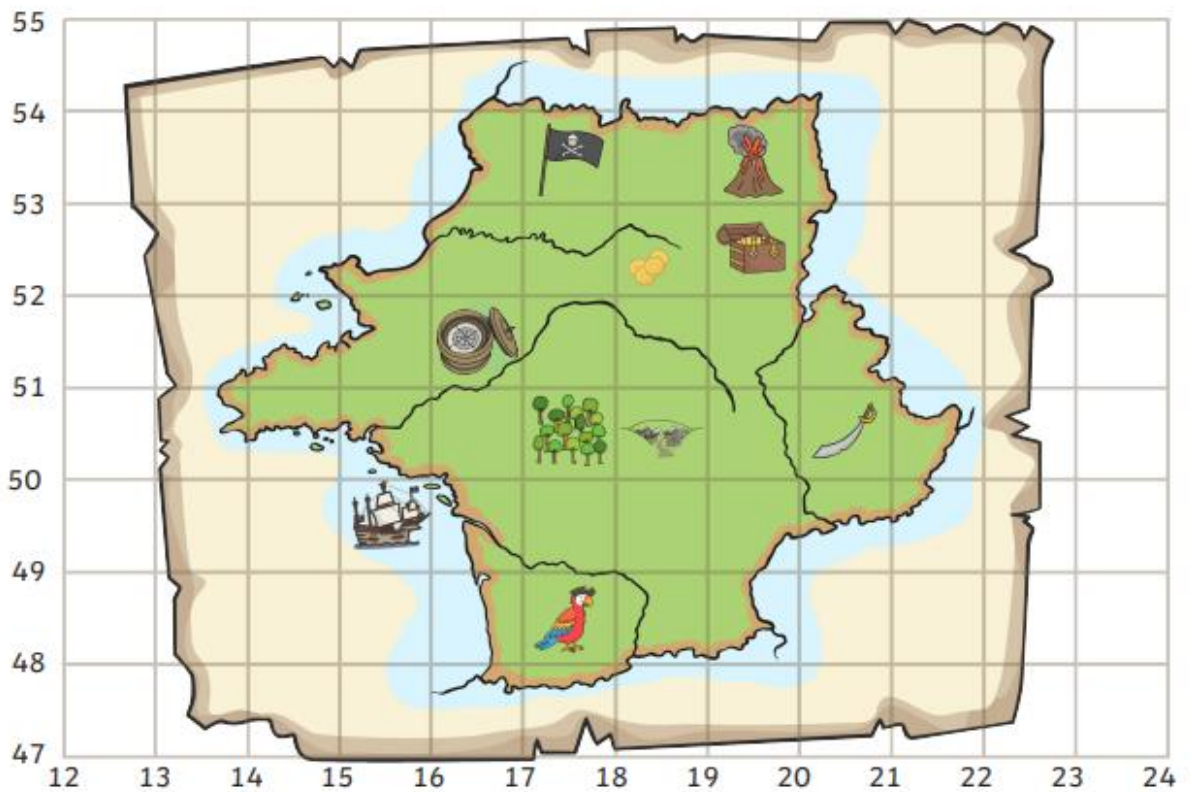
Why not crack out a rapturous rendition of George Ezra's 'Shotgun' and give your family a performance they'll never forget? Or simply enjoy singing quietly in your room.

Singing uses both sides of your brain whilst releasing endorphins associated with feelings of happiness as well as stimulating the release of oxytocin, a hormone that is found to alleviate anxiety and stress.



Problem of the Day

Using your knowledge of coordinates, can you work out the four-figure grid references for the symbols on this map? The first symbol has been done for you.

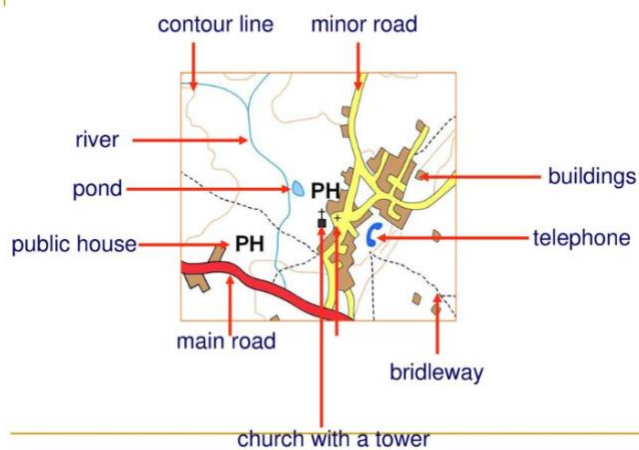


Symbol	Four-Figure Grid Reference
Flag	(17,53)
Volcano	
Coins	
Treasure chest	
Compass	

Forest	
Village	
Sword	
Pirate ship	
Parrot	

Answers to yesterday's problem of the day:

Did you spot them all?



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>
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? Use the strategies listed at the top of the page.</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 we ask that your parent sends a few lines in an email to let us know what you have completed today.

5B: 5b@newbridge.bathnes.sch.uk **5H:** 5h@newbridge.bathnes.sch.uk

Please look out for tomorrow's learning, from Mrs Bartlett and Mr Handson