



NUMERACY BULLETIN

ISSUE 19

APRIL 2024

MATHS EVENTS THIS MONTH!

Family Maths night will start again in September. You will be contacted nearer the time to register your interest.

National Numeracy Week took place from 13th to 17th May 2024.

TEACHER ON THE SPOT!

Miss Barlow's bank balance is - £240

She then receives her wage of £350

What is Miss Barlow's new bank balance?



CAREERS USING NUMERACY

Plumbers rely on math to make accurate measurements and calculations so all the pipes and tanks fit together to work properly.



Check out the numeracy page on the school website [here](#)

There are lots more year 11 revision resources added [here](#)

NUMERACY CHAMPION!

Mathswatch Champions this month are ...
Year 7 Rubab A
Year 8 Jai B
Year 9 Allannah H
Year 10 Heena A
Year 11 Tianna M

STAFF: WHAT CAN I DO?

1. Talk aloud of strategies to solve problems.
2. Challenge students on the weekly tables.
3. Include maths in your lessons whenever possible.

PARENTS: WHAT CAN I DO?

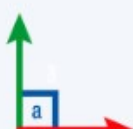
1. Challenge your child on weekly tables.
2. Encourage your child to complete homework.
3. Encourage/direct your child to the school Numeracy page.

ACUTE ANGLE



$$0^\circ < a < 90^\circ$$

RIGHT ANGLE



$$a = 90^\circ$$

REFLEX ANGLE



$$180^\circ < a < 360^\circ$$

FULL ANGLE



$$a = 360^\circ$$

CROSS CURRICULAR!



CARTOON CORNER!



Nearly a quarter of kids aged 5-7 have smartphones

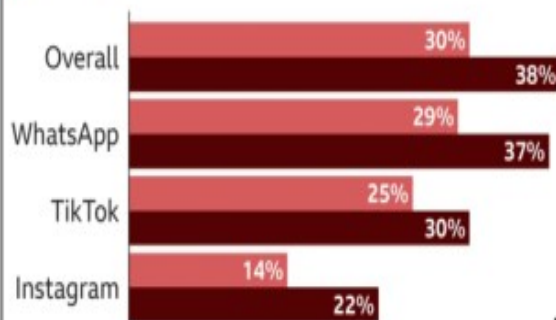
Nearly a quarter of UK five-to-seven-year-olds now have their own smartphone, research suggests.

Social media use also rose in the age group over the last year with nearly two in five using messaging service WhatsApp, despite its minimum age of 13.

- (a) What proportion of these young people used TikTok in 2022? Give your answer as a fraction in its simplest form.
- (b) What proportion of these young people used TikTok in 2023? Give your answer as a decimal.

How the percentage of five to seven-year-olds using social media has risen in one year

■ 2022 ■ 2023



TECHNOLOGY

Australian farm grows world's largest blueberry

An Australian farm has smashed the record for the world's largest blueberry with a fruit the size of a ping-pong ball.



Picked in November, it has this week been certified by the Guinness World Records as the heaviest ever documented - weighing a whopping 20.4 grams! It also measured 39.31 millimetres in length.

- (a) What is the length of the blueberry in centimetres?
- (b) What is the weight of the blueberry in kilograms?

Lost plastic duck washes up in Orkney after 18 years

A plastic duck has washed ashore in Orkney after an 18-year journey across the sea.

It was one of 150 000 ducks released into the River Liffey in Dublin in 2006 as part of a world record attempt.

Although intended to only travel one mile down the river, the duck was found last week on a beach in the island of Stronsay - an estimated 600 miles away from where it was released!

Approximately, what was the average speed of the plastic duck in miles per hour?



GEOGRAPHY

French athlete attempts rope climbing world record up the Eiffel Tower

A French athlete attempted to break the rope climbing record by climbing a 110 metre



rope to the second floor of the Eiffel Tower. She trained for a year before attempting the climb and reached her goal in just 18 minutes.

On average, how far did she climb every second? Give your answer to the nearest centimetre.

NUMERACY COMPETITION!

Hand your entries to your maths teacher before the end of Term for chance of winning a prize! Don't forget your name and form

0.5^2	Find A $1 - \frac{4}{6} = \frac{A}{3}$	Round 0.03713 to two significant figures.
0.493, 0.5, 0.098, 0.049 Write the numbers in ascending order.	Fill in the gaps with one of the symbols $>$, $=$ or $<$ -7 _____ -3 0.4 _____ 0.391 2.02 _____ 2.2 -100 _____ 0 10% _____ 0.1	Annie sold 45 books at £1.20 each, 34 candles at £1.50 each, some calendars at 90p each. She got a total of £150.
Find $\frac{3}{4}$ of 240	2.32×1000	Work out how many calendars Annie sold.