



NUMERACY BULLETIN

ISSUE 9

JANUARY 2023

MATHS EVENTS THIS MONTH!

FAMILY MATHS EVENINGS

Every Monday and Tuesday
evenings from 5.30pm until
7pm

New ks3 maths homework club in room 48
Tuesdays 12.40 to 1pm.

Staff completion winners were Mark A and
the site team, Mr Malone and Miss Ben-
son.

TEACHER ON THE SPOT!

Mrs Breeze has £32 and each
month for 4 months she has
to pay £15 to her mobile phone, if
she doesn't put any money into her
account, how far will she be into
her overdraft?

££

CAREERS USING NUMERACY

Jobs that involve driving



REAL LIFE SKILLS!



NUMERACY CHAMPION!

Mathswatch Champions this
month are ...

Year 7 Krishni P

Year 8 Nina N

Year 9 Ahmad A

Year 10 Chhaya P

Year 11 Alesha S

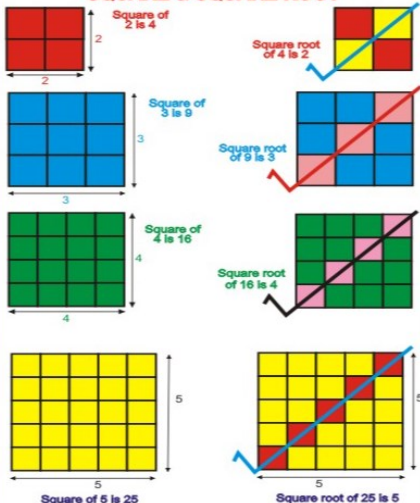
STAFF: WHAT CAN I DO?

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.

SQUARE & SQUARE ROOT



CROSS CURRICULAR!

NUMERACY IN GEOGRAPHY

REPRESENTING DATA

BAR CHART



GRID REFERENCES & COORDINATES

GRID REFERENCES GIVE THE POSITIONS OF OBJECTS ON A MAP. COORDINATES GIVE THE POSITION OF POINTS ON A 2D PLANE.

IN MATHS WE USE COORDINATES TO DESCRIBE THE POSITION OF A POINT ON A PLANE. THE X - COORDINATE (GIVEN BY MOVING ALONG THE HORIZONTAL AXIS) GOES FIRST FOLLOWED BY THE Y - COORDINATE (GIVEN BY MOVING UP OR DOWN ALONG THE VERTICAL AXIS).

ALONG THE CORRIDOR AND UP/DOWN THE STAIRS.



HERE THE COORDINATES OF THE HILL AND THE WOOD ARE GIVEN BY: HILL (4, 4) WOOD (1, 2)

REMEMBER TO ALWAYS GIVE THE X - COORDINATE BEFORE THE Y - COORDINATE.

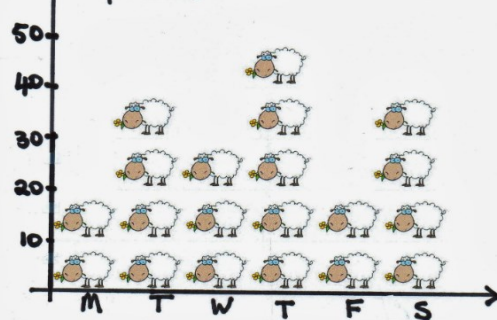
IN GEOGRAPHY, GRID REFERENCES ARE GIVEN USING THE NUMBER ACROSS THE BOTTOM OF THE MAP FIRST (EASTING) FOLLOWED BY THE NUMBER UP THE SIDE OF MAP (NORTHING).

SCALES IN GEOGRAPHY THE SCALE OF A MAP IS THE RATIO BETWEEN THE SIZE OF AN OBJECT ON THE MAP AND ITS REAL SIZE. THIS SCALE IS FOR A 1:50,000 SCALE MAP.

MEASURING LENGTHS WITH DIFFERENT SCALES. MAPS FOR LONG DISTANCES USE A SCALE OF 1:100,000 WHERE 1 CM IS EQUAL TO 1 KM. LAND PLANS MADE BY YOUR PLANNERS, HAVE A SCALE OF 1:50,000 WHERE 1 CM IS EQUAL TO 1 KM.

CARTOON CORNER!

No. Sheep in Farmer Bob's top field



Baa Graph

CURRENT AFFAIRS!

Argentine farmer grows 124 acre image of Lionel Messi visible from space

A farmer in Argentina has grown a huge 124 acre image of Lionel Messi to celebrate the legend's World Cup win in Qatar.

Messi produced a series of dazzling displays to guide his nation to a first World Cup triumph since 1986, which included a penalty shootout victory against France in the final.

To celebrate the momentous occasion, a farmer decided to grow an image of Messi by planting a specially designed cornfield.

He used a method which allowed him to calculate where seeds would need to be planted in his field in Los Condores, which is in the central Cordoba province of Argentina.

Luckily for the farmer, his calculations proved to be correct, and an image of Messi appeared!

One acre of land is approximately equal to 4047 square metres.

(a) Calculate the approximate area of the farmers field in square metres.

(b) Write down an appropriate length and breadth for a rectangular field with this area.



COOL MATH TRICK 1

STEP -1 Think of a three digit number where all of the digits are the same e.g. 111, 222 ...

STEP 2: Add the three digits together.

STEP 3: Divide the number that you came up with in Step 1 by the result you ended up with in Step 2.

And the ANSWER is...

37



Google parent Alphabet to cut 12 000 jobs

Google's parent company Alphabet will cut 12 000 jobs, in the latest staff redundancies to hit the tech industry.

The cuts will affect 6% of Alphabet's workforce worldwide, in teams including recruitment and engineering.

How many staff do Alphabet employ worldwide in total?



Rishi Sunak fined for not wearing seatbelt in back of car

Prime Minister Rishi Sunak has been fined for not wearing a seatbelt in a moving car while filming a social media video. Currently, drivers and passengers over the age of 14 caught not wearing their seatbelts can be given an on the spot penalty of £100.

However, this can be waived if the driver takes a £52 awareness course instead of paying the fine.

How much could a driver save by taking the course instead of paying the fine?



NUMERACY COMPETITION!

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

Round 1.754 to the nearest tenth.	$2 - 1.754$	30×40
$1 - \frac{3}{10}$	$\frac{x}{8} = 1$ Find x	3.14×10
314×10	$x = 2$ Find $x^2 + 6 - 5x$	$\frac{3}{10}$ of 140