

ST. DOMINIC'S
VERITAS
FOUNDED 1870



GRAMMAR SCHOOL
FOR GIRLS

Welcome

21st August 2026

Overview

10.30 – 11.25am	Pupil Session 1	Group 1 – Sixth Form Study Group 2 – Gym & Sports Hall Group 3 – Library & RE room
11.30 – 12.25pm	Pupil Session 2	Group 2 – Sixth Form Study Group 3 – Gym & Sports Hall Group 1 – Library & RE room
12.30 – 1pm	Lunch (light lunch provided in Sienna/toilet break for Year 8s/SLT supervise)	
1.10 – 2.05pm	Pupil Session 3	Group 3 – Sixth Form Study Group 1 – Gym & Sports Hall Group 2 – Library & RE room

*2.10pm Pupils go to **GYM** – complete evaluations & wait on parents for prize giving/competition winners.

*2.15/20pm – Parents will be brought from Studyhall to Gym for prize giving and pupil collection



Very important Q...



Don't worry if Maths wasn't your favourite thing at Primary School

GROWTH MINDSET

Is Freedom

Persevere in the face of failures
Effort is required to build new skills
Find inspiration in others success
Embrace challenges
Accept criticism
Desire to learn
Build abilities

FIXED MINDSET

Is Limiting

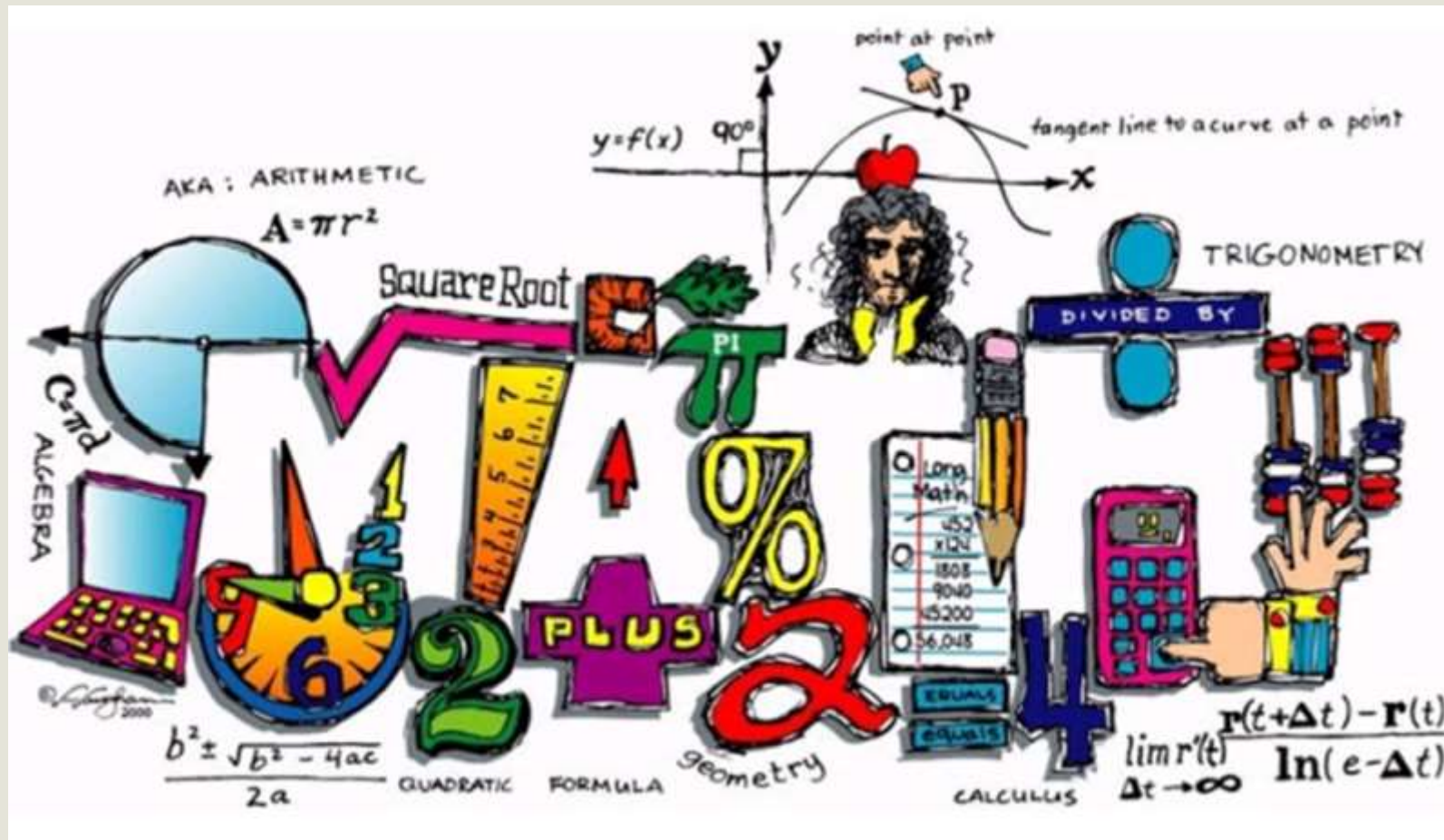
Avoid challenges Give up easily
Threatened by others success
Desire to look smart
Effort is fruitless
Ignore feedback
Fixed abilities

What matters now is your...
MINDSET



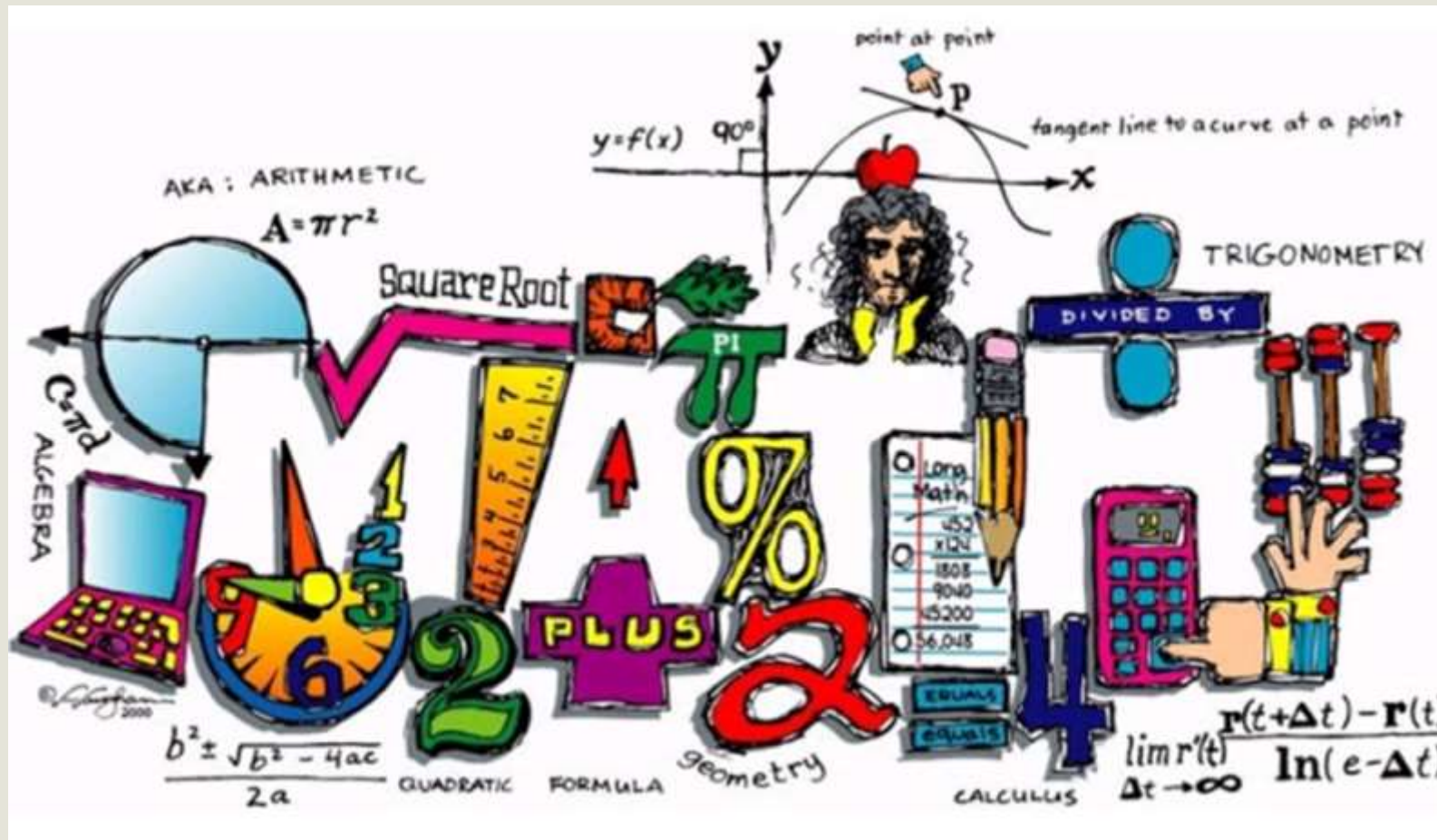
What will you be in the future?





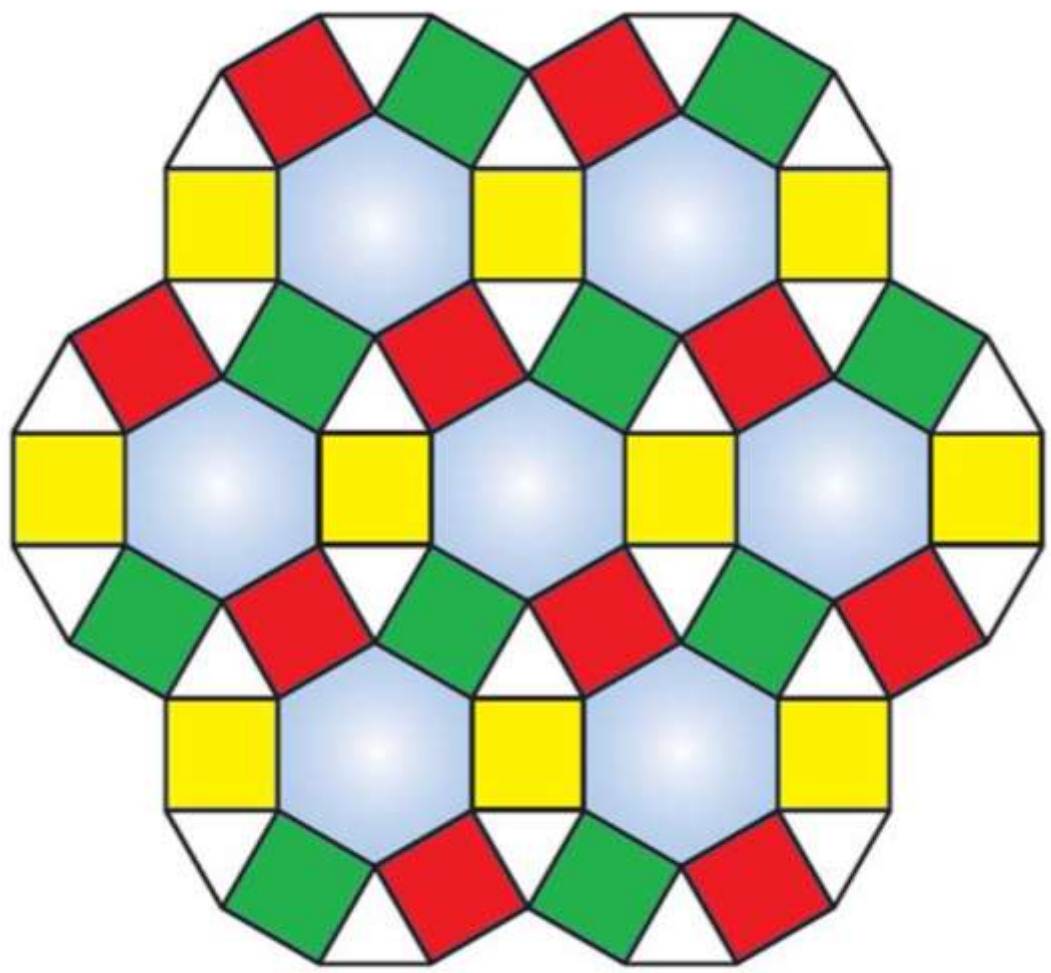
So...why study Maths?





Unlocking your power through numbers!







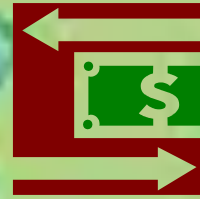
~~Problems~~
Solutions



Girls + Maths = Superpowers

- Studies show girls are just as good at maths as boys
 - Confidence matters more than talent
- Maths helps build self-belief and independence





Who loves to travel???



The power of mathematics led to the development of aeroplanes
(**credit to The Wright Brothers in 1905)!





1 in 5 of the
WORLD'S disc
drive readers
are made in
Derry



40% of the WORLD'S
mechanical screening
equipment is made in
Co. Tyrone



1.5million financial
transactions are
handled by Citi in
Belfast every day





Over 50% of the
WORLD'S business
class aeroplane
seats are designed
and produced in
Kilkeel, Co. Down



Lots of career opportunities when you study Maths

London-based AI firm creates more than 100 jobs in Belfast



Napier AI's chief executive Greg Watson, Economy Minister Caoimhe Archibald and Invest NI chief executive Kieran Donoghue attended the announcement on Tuesday

Gráinne Connolly

BBC News NI

18 February 2025

Invest Northern Ireland

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EY Northern Ireland to create 1,000 new jobs in the region over the next five years

13 September, 2023

A photograph of four people standing on a rooftop with a city skyline in the background. From left to right: a man in a grey suit, a woman in a bright blue blazer, a man in a dark suit and glasses, and a man in a blue blazer. They are all smiling at the camera.

Coding coding coding – Maths department linking with ICT programming

```
namespace ConsoleApplication1
{
    class Program
    {
        static void Main(string[] args)
        {
            //ask the user for one side of a right angle triangle
            Console.WriteLine("What is the length of the first side of the right angle triangle?");
            //read in the first side as an integer(a)
            int first = int.Parse(Console.ReadLine());
            //ask the user for one side of a right angle triangle
            Console.WriteLine("What is the length of the second side of the right angle triangle?");
            //read in the second side as an integer
            int second = int.Parse(Console.ReadLine());

            //get the answer as a decimal for the hypotenuse
            double Answer = pythag(first, second);
            //display the answer
            Console.WriteLine("The hypotenus is " + Answer);

            //Area of a circle formula being called and used, answer being stored as a decimal
            double circle = CircleArea(3);
            Console.WriteLine("The area of the circle is " + circle);

            double positiveAnswer = quadpositive(2, -5, -6);
            double negativeAnswer = quadnegative(2, -5, -6);

            Console.WriteLine("x is either " + positiveAnswer + " or " + negativeAnswer);

            Console.ReadLine();
        }
    }
}
```



Remember: Maths is your secret power!

- Don't be afraid to make mistakes
- Ask questions, be curious
- 💪 Call to action: "What will YOU solve next?"



