KS4: YEAR 11

MATHS DEPARTMENT

OUR LEARNING JOURNEY

SUMMER 3:2

Revision booklets and past paper practice

SUMMER 3:1

Revision booklets and past paper practice

SPRING 2:2

- Forming Expressions
- Forming and Solving Equations
- Multiplying/Dividing Decimals
- Pie Charts
- Scatter Graphs
- Frequency Polygons
- Real-Life Graphs
- Probability – Relative Frequency
- Linear Sequences
- Fibonacci Sequences

SPRING 2:1

- Averages from a Frequency Table
- Composite Bar Charts
- Simple and Compound Interest
- Percentage Change
- Error Intervals
- Product of Primes/HCF+LCM
- Linear Inequalities
- Volume and Surface Area
- Laws of Indicies

AUTUMN 1:2

- Column Vectors
- Probability Tree Diagrams
- Venn Diagrams
- Ratio and Fraction Problems
- Simultaneous Equations
- Direct/Inverse Proportion
- Similar Shapes
- Sectors of Circles
- Pythagoras
- Trigonometry – SOHCAHTOA
- Area of a Trapezium
- Area of Compound Shapes
- Solving Linear Equations

AUTUMN 1:1

- Standard Form
- Reverse Percentages
- Compound Measures
- Expanding Double Brackets
- Factorising Quadratics
- Solving Quadratics
- Algebraic Graphs
- Rearranging Formulae
- Equation of a Straight Line
- Angles on Parallel Lines
- Angles in Polygons

St John Henry Newman Catholic School