Wetheringsett Manor

MATHS LEARNING JOURNEY – YEAR 7

SUMMER BREAK

TEST

Strategies for Mental Arithmetic

Extrapolation of number facts

Language of Probability

Calculating Probabilities

REASONING WITH NUMBER

Understand Vocabulary of Sets

Sample Spaces

Factors & Multiples

Prime Factors

HALF TERM MAY

TEST

Angles in Shapes

Types of Angles

Construction

Units of Measurement

LINES AND ANGLES

Parallel & Perpendicular Lines

Angles on Straight Lines

Use of a Protractor

TEST

EASTER BREAK

Understanding Directed Number

Addition & Subtraction of Proper Fractions

Negative Numbers

DIRECTED NUMBER

FRACTIONAL THINKING

BIDMAS

Equations with Directed Numbers

Addition & Subtraction of Mixed Numbers

HALF TERM FEB

TEST

Word Problems – Multiplication & Division

Multiplication

Addition & Subtraction

APPLICATIONS OF NUMBER

Percentages of Amounts

Fractions of Amounts

Division

Word Problems – Addition & Subtraction

XMAS BREAK

TEST

Place Value

Ordering Decimals

Using Decimals

Conversions FD%

PLACE VALUE & PROPORTION

Ordering Integers

Equivalent Fractions

Understanding Percentages

HALF TERM OCT

TEST

Equality

Algebraic Notation

Times Table Review

ALGEBRAIC THINKING

Sep 2022

Equivalence

Intro to Algebra

Sequences

Basic Operations

Wetheringsett Manor

MATHS LEARNING JOURNEY – YEAR 8

SUMMER BREAK

TEST

Analyse Questionnaires

Pictograms & Bar Charts

Line Graphs & Pie Charts

Range

REASONING WITH DATA

Types of Data

Grouped Data

Mode, Median, Mean

Compare distributions

HALF TERM MAY

TEST

Area of Circles

Interior & Exterior Angles in Polygons

Missing Angle 'Detective'

Review of Angles

DEVELOPING GEOMETRY

Line Symmetry & Reflection

Area of Trapezia

Angles in Parallel Lines

TEST

EASTER BREAK

Solving % Problems

Rounding & Estimation

Converting between FD%

DEVELOPING NUMBER

Pythagoras' Theorem

% Increase/Decrease

Introduction to Standard Form

Converting Metric Units

HALF TERM FEB

TEST

Introduction to Inequalities

Expanding Brackets

Collecting Like Terms

Introduction to Indices

ALGEBRAIC TECHNIQUES

Sequences

Solving Equations

Multiplying Algebraic Terms

XMAS BREAK

Co-Ordinates

y = mx + c

Scatter Graphs & Correlation

Venn Diagrams

TEST

REPRESENTATIONS

Horizontal & Vertical Lines

Review of Data Presentation

Two-Way Tables

HALF TERM OCT

TEST

Multiplication of Fractions

Scale

Times Table Review

PROPORTIONAL REASONING

Sep 2022

Division of Fractions

Conversion Graphs

Ratio & Proportion

Basic Operations

Wetheringsett Manor

MATHS LEARNING JOURNEY – YEAR 9

SUMMER BREAK

TEST

Single Event Probability

Tree Diagrams

Review of Square Numbers

Drawing Quadratic Graphs

REPRESENTATIONS AND REVISION

Sample Spaces

Review of Algebra Topics

Represent Inequalities

ELC Papers & Revision

HALF TERM MAY

TEST

Direct Proportion

Review Ratio

Similarity in Triangles

Review of Transformations

REASONING WITH PROPORTION

Distance/Time Graphs

Speed Distance Time

Conversion Graphs

Enlargement with Scale Factors

EASTER BREAK

TEST

Rotational Symmetry

Translation

Missing Angles

REASONING WITH GEOMETRY

Angles with Algebra

Rotation around a Point

Pythagoras' Theorem

HALF TERM FEB

TEST

Unit pricing

% Increase/Decrease

Fractions

Directed Numbers

REASONING WITH NUMBER

Simple & Compound Interest

Reverse %

Standard Form

HCF & LCM

XMAS BREAK

TEST

Names of 2D & 3D Shapes

Plans & Elevations

Volume

Loci

Congruency

CONSTRUCTING IN 2 AND 3 DIMENSIONS

Nets

Surface Area

Angle Review

Construction

HALF TERM OCT

TEST

Solving Equations

y = mx + c

Times Table Review

REASONING WITH ALGEBRA

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Factors, Multiples & Primes

Building Equations

Review of Straight Line Graphs

Basic Operations

Wetheringsett Manor

MATHS LEARNING JOURNEY – YEAR 10

SUMMER BREAK

TEST

Factors, Multiples & Primes

Review of HCF & LCM

Square & Cube Numbers

Standard Form

NUMBER

Sequences & nth Term

Indices

Algebraic Fractions

Working with Algebra

HALF TERM MAY

TEST

Mental Maths Strategies

Frequency Polygons

Pie Charts

Types of Data

DATA HANDLING AND PRESENTATION

Significant Figures, Estimation & Rounding

Scatter Graphs & Correlation

Data Presentation

TEST

EASTER BREAK

Currency Conversion, Best Buy

Review Probability

Review Fractions

PROPORTIONS AND PROPORTIONAL CHANGE

Review Ratio

Simple & Compound Interest

Tables, Venn Diagrams, Tree Diagrams

HALF TERM FEB

TEST

Are & Circumference of a Circle

Scale

Review Angles

GEOMETRY

Vectors

Volume & Surface Area of a Cylinder

Parts of a Circle

Bearings

XMAS BREAK

TEST

Solve Inequalities – Number Line

Solve Multi-Step Equations

Simultaneous Equations

Review of Algebra

DEVELOPING ALGEBRA

Language of Inequalities

Solve Inequalities - Graphically

Rearrange Formulae

HALF TERM OCT

TEST

Area & Volume

Enlargement

Times Table Review

SIMILARITY

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Trigonometry

Similarity

Review of Transformations

Basic Operations

Wetheringsett Manor

MATHS LEARNING JOURNEY – YEAR 11

SUMMER BREAK

TEST

GCSE EXAMINATIONS

HALF TERM MAY

TEST

Revision of Graphs

Revision of Angles

Revision of Shape

Revision of Number

General Revision

REVISION

Revision of Data

Revision of Algebra

EASTER BREAK

TEST

Review of Transformations

Sample Spaces & Probability

Trigonometry

REVISION

Scatter Graphs

Sequences & nth term

Construction

Venn Diagrams

HALF TERM FEB

TEST

Angles in Parallel Lines & Shapes

Ratio

Scale Factors

Pythagoras' Theorem

REASONING

Interior/Exterior Angles in Polygons

Angles at Points

Proportion & Inverse Proportion

XMAS BREAK

TEST

Review of Algebra

Factorising

Rearranging Formulae

Inequalities

ALGEBRA

Expanding Brackets

Solving Equations

Function Machines

HALF TERM OCT

TEST

Quadratic & Cubic graphs

Y = mx + c

Times Table Review

Conversion Graphs

GRAPHS

Sep 2022

Interpreting Graphs

Solving Simultaneous equations graphically

Lines parallel to the axes

Basic Operations