

Subject: Maths	Subject Intent: Through mathematics, we engage children in active learning that enables students to envisage or experience real life situations where mathematics may be necessary. Our curriculum content develops students' knowledge to enable them to solve real life and abstract concepts by providing opportunities to investigate and apply knowledge which becomes increasingly sophisticated. We promote an ethos of positivity around maths and its place in the world and support pupils to communicate confidently by ensuring an appropriate pace and depth suited to individual learning styles is utilised. The mathematics curriculum aims to enable our pupils to make a positive contribution and to aspire to meet their full potential in all aspects of life at Dawn House School and beyond.		
Develop: • To enable students to have numeracy skills for life. • To equip students with necessary tools to function in life after school. • To instil confidence in maths based on a sound knowledge of underlying concepts • To encourage students to be enquiring and resilient when faced with problems • To enable students to progress in their learning and reach their potential • To facilitate and support all students in making steps of achievement both large and small • Some students cannot access exam situations and therefore benefit from coursework and observation based curricula.	Engage: • Explore mathematics using a staged approach. i.e. practical, pictorial, abstract. • Use dyscalculic and dyslexia friendly methods • Rich activities which allow students to explore depth in each topic. • Emphasis on opportunities for kinaesthetic learning • Opportunities to explore breadth of curriculum at all levels • Numeracy activities at the start of every maths lesson • Accreditation through exam or non-exam methods. • A wide range of practical mathematical equipment • Practical application of numeracy through educational visits. • Numeracy activities in every maths lesson. • Games and fun activities which draw on mathematical and numeracy skills.	Communicate: • To use academic vocabulary accurately in order to describe and discuss mathematical problems. • To be able to spell all numbers. • To be able to read times and dates in orthodox formats • To be able to understand information contained in tables of information e.g. bus timetable, calendar.	Aspire: • To have skills to function in everyday life beyond school. • Understand time, money and common units for measures and how to apply these. • Experience real life situations where maths is important e.g. shopping, banking, different occupations and leisure activities including planning and preparing for these. • Preparation for higher learning. • Accreditation through recognised exam boards.

Lower School:

Primary 1 Overview	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
Primary 1 (EYFS/Y1 WRM)	- Manipulate, compose and decompose - Sharing and grouping	- Visualise, build and map - Make connections	- Match, sort and compare - Talk about measure and patterns - It's me 1,2,3	- Circles and triangles 1, 2, 3, 4, 5 - Shapes with 4 sides	- Alive in 5 - Mass and capacity - Growing 6, 7, 8 - Length, height and time	- Building 9 and 10 - Explore 3D shapes - Top 20 and beyond - How many now?

Primary 2 Overview	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
Primary 2 (WRM Y1)	- Place value - Addition and subtraction - Shape	- Addition and subtraction - Shape	- Place value - Addition and subtraction	- Place Value - Length and Height - Mass and Volume	- Multiplication and Division - Fractions	- Position and Direction - Place value - Money - Time

Junior Overview	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
Junior (WRM Y2)	- Place value - Addition and Subtraction	- Addition and Subtraction - Shape	- Money - Multiplication and Division	- Multiplication and Division - Length and Height - Mass, Capacity and Temperature	- Fractions - Time	- Statistics - Position and Direction - Consolidation

Key Stage 3:

KS3 Overview	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
--------------	---------------	---------------	---------------	---------------	---------------	---------------

KS3 JC (WRM Y3)	- Place value - Addition and Subtraction	- Addition and Subtraction - Multiplication and Division A	- Multiplication and Division B - Length and Perimeter	- Fractions A - Mass and capacity	- Fractions B - Money - Time	- Time - Shape - Statistics
KS3 DE (WRM Y3)	- Place value - Addition and Subtraction	- Addition and Subtraction - Multiplication and Division A	- Multiplication and Division B - Length and Perimeter	- Fractions A - Mass and capacity	- Fractions B - Money - Time	- Time - Shape - Statistics
KS3 AD (WRM Y4)	- Place value - Addition and Subtraction	- Addition and Subtraction - Measurement Area - Multiplication and Division A	- Multiplication and Division B - Length and Perimeter - Fractions	- Fractions - Decimals A	- Decimals B - Money - Time	- Consolidation - Shape - Statistics - Position and direction
Bridge (WRM Y2)	- Place value - Addition and Subtraction	- Addition and Subtraction - Shape	- Money - Multiplication and Division	- Multiplication and Division - Length and Height - Mass, Capacity and Temperature	- Fractions - Time	- Statistics - Position and Direction - Consolidation

Key Stage 4:

KS4 Overview	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
KS4 SW (AQA Entry Level)	- Geometry - Mock Test - Test	- Statistics - Mock Test - Test	- Properties of Number - Mock Test - Test	- The four operations - Mock Test - Test	- Ratio - Mock Test - Test	- Money - Mock Test - Test
KS4 LC (Edexcel Number & Measure Level 1/	- Number skills and rounding - Decimals	- Percentages and calculations - Fractions	- Probability - Statistical measures	- Perimeter and area - Collecting and representing data	- Rotation and proportion - Properties of angles and shape	- Scale diagrams - Measures - Algebra

Functional skills)						
KS4 RE (AQA Entry Level)	• Properties of Number • Mock Test • Test	• The four operations	• The four operations • Mock Test • Test	• Ratio • Mock Test • Test	• Money • Mock Test • Test	• The Calendar and time • Mock Test • Test

Key Stage 5:

KS5 Overview	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
KS5 REV Aim Awards Entry 3	• Decimals	• Measuring Distance and Length	• Handling Information and Data	• Handling Information and Data	• Revision • Addition and Subtraction	• Practical Project • Life Skills
KS5 DH (Edexcel Number & Measure Level 1/ Functional skills)	• Number skills and rounding • Decimals	• Percentages and calculations • Fractions	• Probability • Statistical measures	• Perimeter and area • Collecting and representing data	• Rotation and proportion • Properties of angles and shape	• Scale diagrams • Measures • Algebra
KS5 MW MS GCSE Foundation Y1/2	• Integers and place value • Decimals • Indices, powers and roots • Factors, multiples and primes • Algebra (basics)	• Expressions and substitutions into formulae • Tables, charts and graphs • Scatter graphs • Fractions, decimals and percentages	• Fractions, decimals and percentages • Percentages • Forming and solving linear equations • Linear inequalities	• Properties of shapes, parallel lines and angle facts • Interior and exterior angles of polygons	• Sampling and averages • Perimeter and area • Basic volume and 3D shapes	• Real life graphs • Straight line graphs • Transformations
KS5 MW/KS4 LC RE	• Number skills and rounding • Decimals	• Percentages and calculations • Fractions	• Probability • Statistical measures	• Perimeter and area • Collecting and representing data	• Rotation and proportion • Properties of angles and shape	• Scale diagrams • Measures • Algebra

(Edexcel Number and Measure Level 1/ Functional skills)						
--	--	--	--	--	--	--