Beehive Preparatory School Maths Overview
2026-2027

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Bumblebees	**Comparison** -More than, fewer than, same **Shape, space and measure** -Explore and build with shapes and objects **Pattern** -Explore repeats **Counting** -Hear and say number names	**Subitising** -I see 1, 2, 3 **Counting** -Begin to order numbers **Pattern** -Join in with repeats **Shape, space and measure** -Explore position and space	**Counting** -Move and label 1, 2, 3 **Subitising** -Show me 1, 2, 3 **Shape, space and measure** -Explore position and routes	**Pattern** -Explore own first patterns **Counting** -Take and give 1, 2, 3 **Shape, space and measure** -Match, talk, push and pull	**Subitising** -Talk about dots **Comaprison** -Compare and sort collections **Pattern** -Lead own repeat	**Shape, space and measure** -Start to puzzle **Pattern** -Making patterns together **Subitising** -Make games and actions **Counting** -Show me 5
Foundation Class	**Match, sort and compare** -Match/sort objects; -Identify a set; -Create sorting rules -Compare amounts **Talk about measure and patterns** -Compare size/mass/capacity -Explore simple patterns **It's me 1, 2 ,3** -Find and subitise 1, 2 and 3; -Represent 1, 2, and 3; -1 more/less; -Composition of 1, 2, and 3	**Circles and triangles** -Identify,name and compare circles and triangles; -Shapes in the environment; -Describe position **1,2,3,4,5** -Find 4 and 5; -Subtise 4 and 5; -1 more/1 less; **Shapes with 4 sides** -Identify and name shapes with 4 sides; -Combine shapes with 4 sides	**Alive in 5** -Introduce zero; -Subitise 0 - 5; -Represent 0 - 5; -1more/1less; -Composition **Mass and capacity** -Compare mass; -Find a balance; -Explore/compare capacity; **Growing 6,7,8** -Find and represent 6, 7 and 8; -1 more/1 less; -Make pairs - odd and even;	**Length, height and time** -Explore/compare length/height; -Talk about time; -Order and sequence time **Building 9 and 10** -1 more/less; -Number bonds to 10; -Doubles to 10; -Explore odd and even **Explore 3D shapes** -Recognise and name 3D shapes; -Find 2D shapes within 3D shapes; -Identify more complex patterns	**To 20 and beyond** -Build numbers beyond 20; -Continue patterns beyond 10; -Verbal counting byind 20 **How many now?** -Add more; -Take away; **Manipulate, compose and decompose** -Select shapes for a purpose; -Rotate shapes; -Copy 2D shapes in pictures; -Find 2D shapes within 3D shapes	**Sharing and grouping** -Explore sharing and grouping; -Even and odd sharing; -Doubles **Visualise, build and map** -Identify repeating patterns; -Discribe positions; **Make connections** -Deepening understanding; -Patterns and relationships
Pre-Prep	**Place value (within 20)** -Count objects within 10; -Count on and back within 20; -1 more/less; -Numberlines; -Compare numbers (more/less than) -Order numbers **Addition and subtraction (within 20)** -Parts and wholes; -Number bonds to 10/20; -Addition; -Doubles/near doubles; -Add 3 1-digit numbers -Take away/find the difference; -Missin number problems	**Place value (within 100)** -Count beyond 20; -Count in tens; -Make groups of 10s and 1s -Partitioning; -Estimate on numberlines -Compare any two numbers **Shape** -Recognise and name 2D and 3D shapes; -Count sides/vertices on 2D shapes; -Draw 2D shapes -Identify vertical lines of symmetry; -Count faces/edges/verticies on 3D shapes; -Identify patterns within 2D and 3D shapes	**Addition and subtraction (within 100)** -Add and subtract 1s; -Add to the next 10/add across 10; -Subtract to a 10/across 10; -Add 2-digit numbers; -Subtract 2-digit numbers; -Compare number sentences; -Missing number problems **Multiplication and division** -Cont in 2s, 5s and 10s; -Recognise equal groups; -Make and add equal groups; -Make arrays; -2, 5 and 10 times tables -Doubling and halving -Divide by 2, 5 and 10	**Lenght and height** -Measure length/height using objects; -Measure in cm and m; -Compare/order lengths and heights; -Four operations with length and height **Statistics** -Tally charts; -Tables; -Block diagrams; -Draw pictograms; -Interpret pictograms	**Money** -Recognise coins and notes; -Count money; -Compare amounts of money; -Calculate with money; -Make a pound; -Find change **Fractions** -Parts and whole; -Equal and unequal parts; -Find a half; -Recognise a quarter/third; -Unit fractions; -Count in fractions **Time** -Months and days; -Hours, minutes, seconds, -Half past/quarter past;	**Mass, capacity and temperature** -Compare mass; -Measure in g and kg; -Four operations with mass -Compare volume and capacity; -Measure in ml and l; -Four operations with volume and capacity -Temperature **Position and direction** -Explore the language of position -Describe movement; -Describe turns;

Prep	**Place value** -Hundreds, tens and ones; -Represent and partition numbers to 1000; -Thousands; -Represent and partition numbers to 10,000; -Find 1, 10 , 100, 1,000 more/less; -Numberlines to 1,000/10,000 -Estimate on a numberline; -Order numbers; -Round to the nearest 10 , 100, 1,000; -Roman numerals **Addition and subtraction** -Add and subtract 1s, 10's, 100's and 1000's (across a boundary) -Add up to 4-digit numbers (no exchange) -Subtract two 4-digit numbers; -Estimate answers; -Inverse operations	**Multiplication and division (A)** -Arrays; -Sharing and grouping; -2 - 12 times tables (multiple lessons); -Multiply by 1 and 0; -Divide a number by 1 and itself. **Area** -What is area? -Count squares; -Make shapes; -Compare areas.	**Multiplication and division (B)** -Factor pairs; -Multiply and divide by 10 and 100; -Reasoning about multiplication; -Multiply 3 numbers; -Efficient multiplication; -Scaling; -Correspondence problems **Lenght and perimeter** -km, m cm and mm; -Measure in km and m; -Equivalent lengths; -Calculate perimeter; -Perimeter of rectilinear shapes; -Perimeter of polygons;	**Fractions (A)** -Understand denominators and numerators; -Compare and order unit fractions; -Understand a whole; -Equivalent fractions; -Partition a mixed number; -Compare and order mixed numbers; -Understand improper fractions; -Convert improper fractions to mixed numbers **Mass and Capacity** -Measure in g and kg; -Measure capacity and volume in ml and l; -Add and subtract **Fractions (B)** -Add/subtract fractions and mixed numbers; -Find unit and non unit fractions of an amount	**Time** -Tell the time to 5inutes; -Tell the time to the minute; -Read time of a digital clock; -Use am/pm; -Convert between analogue and digital times; -Hours, minutes, seconds; -Years, months, weeks and days **Decimals** -Tneths as adecimal/fraction; -Hundredths as a decimal/fraction; Half and quarters as a decimal/fraction; -Make a whole; -Partition decimals; -Compare and order decimals **Money** -Convert pounds and pence; -Compare amounts of money; -Add/Subtract money; -Find change	**Shape** -Turns and angles; -Identify and compare nagles; Types of lines; -Triangles/quadrilaterals/polygons; -Draw polygons; -Symmetry; -3D shapes **Postion and direction:** -Describe position using coordinates; Plot coordinates; -Draw 2D shapes on a grid; -Translate on a grid Statistics -Pictograms; -Interpret and draw bar graphs; -Interpret and draw line graphs; -Two-way tables; -Collect and represent data
Senior Prep	**Place value** -Roman numerals to 1,000 -Read and write numbers to 100,000 and 1,000,000 and 10,000,000 -Read and write roman numerals; -Power of 10; -Partition numbers to 10,000,000; -Compare and order integers on a numberline; -Compare and order negative numbers **Addition and subtraction** -Mental strategies; -Add and subtract integers; -Inverse operations and missing numbers **Multiplication and division (A)** -Multipleas and common multiples; -Factors and common factors; -Rules of divisibility; -Prime, square and cube numbers; -Multiply and divide by 10, 100 and 1,000	**Fractions (A)** -Recognise equivalent fractions; -Equivalant fractions and simplifying; -Convert improper fractions to mixed numbers; -Convert mixed numbers to improper fractions; -Compare and order fractions; -Add and subtract fractions and mixed numbers; -Multi-step problems **Multiplication and division (B)** -Multiply a 2-digit number by a 2-digit number; -Multiply up to a 4-digit number by a 2-digit number; -Solve problems with multiplication; -Divide a 4-digit number by a 1-digit number; -Long division (without remainders); -Multi-step problems	**Multiplication and division (B continued)** -Multiply a 2-digit number by a 2-digit number; -Multiply a 4-digit number by a 2-digit number; -Solve multiplication problems; -Short division - 4-dgit number by a 1-digit number; -Long division (with remainders) -Solve multi-step problems -Reason from known facts **Fractions (B)** -Multiply a unit/non-unit fraction by an integer; -Multiply a mixed number by an integer; -Multiply fractions by fractions; -Divide any fraction by an integer; -Fraction of an amount **Decimnals (A)** -Decimals up to 2 or 3 decimal places; -Order and compare decimals; -Round to the nearest whole number; -Round to 1 or 2 decimal places	**Area, perimeter and volume** -Perimeter of rectangles and rectilinear shapes; -Are of compound shapes; -Estimate Area; -Area of triangles and parallelograms; -Volume of a cuboid **Decimnals (B)** -Use known facts to add and subtract decimals within 1; -Add and subtract decimals across 1; -Add and subtract decimals with the same/different numbers of d.p; -Multiply and divide by 10, 100 and 1,000; -Multiply and divide decimals by integers **Fractions, decimals and %** -Equivalent fractions and decimals - tenths, hundredths, thousandths; -Fraction as division; -Understand percentages; -Percentages as decimals; Equivalent F, D P; -Percentage of an amount	**Ratio** -Understand ratio language; -Ratio and fractions; -Use scale factors; -Solve ratio problems **Algebra** -Function machines; -Substitution; -Formulae; -Form and solve equations; -Solve problems with two unknowns **Shape** -Understand and use degrees; -Classify angles; -Measure angels; -Calculate angels around a point; -Calculate angels on a straight line; -Vertically opposite angles; -Angels in a triangle/quadrilateral; -Regular and irregular polygons; -Circles; -Draw shapes; -3D shapes	**Position and direction** -The first quadrant; -Four quadrants; -Solve problems with coordinates; -Translations; -Lines of symmetry; -Reflections **Statistics** -Draw line graphs; -Read and interpret line graphs; -Read and interpret tables, including timetables; -Read and interpret pie charts; -Draw pie charts; -The mean Converting units -kg and km; -mm and ml; -Convert units of length; -Miles and km; -Im,perial mesures; -Convert units of time; -Calculate with timetables