	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Beech	**Number/Addition and subtraction** -Up to 100	**Addition and subtraction/Money**	**Statistics** -diagrams	**Geometry and Fractions (number)** -shapes **Fractions:** -counting in fractions	**Measurement and Geometry** - comparing length **Geometry:** -position	**Time and Measurements** **-** Units of measurements
Birch	**Place value** - Up to 1000	**Statistics/Multiplication** **-** Graphs/chart -Multiplying 10, 100, 1000	**Multiplication & Division/Fractions** **-** basic skills	**Fractions/Decimals** - tenths - hundredths	**Decimals/Money/Time** -Decimal values - Units	**Statistics/Geometry** -Charts **-**co-ordinates
Year 7	**Algebraic thinking** - Sequences	**Place value and proportion** - Place value and ordering integers and decimals - Fractions, decimals and percentage equivalence	**Applications of number** - solving problems	**Directed number and Fractional thinking** - operations with directed values	**Lines and angles** - constructing, measuring and using geometric notation	**Reasoning with number** - developing number sense
Year 8	**Proportional Reasoning** -Ratio and scale -Multiplying and dividing fraction	**Representations** -Working in the Cartesian plane -Representing data -Tables and probability	**Algebra** -Brackets -Sequences -Indices	**Developing Number** -Fractions and percentages	**Developing Geometry** -Angles and area -symmetry	**Data Handling** -cycle
Year 9	**Number** **-** Order of operations.	**Algebra** - Basic Algebra notation and use	**Charts/Graphs** **-** Using graphs and charts	**Fractions** - operations	**Averages** **-**Mean, Mode, Median and range	**Angles** - Measuring and angle rules

Year 10	**Algebra** - Sequences	**Area/Volume** **-**2D and 3D shapes	**Graphs** **-** Linear	**Transformations** **-** Use and explain	**Ratio & Pythagoras** - compare & problem solve	**Probability** **- combining event**
Year 11	**Number/Plans and elevations** - Drawings	**Quadratics and Circles** - Algebra - Area, Volume etc	**Number** - Indices and standard form	**Similarity** -Vectors	**Exams**	**Exams**
Entry Level Maths	**Number** Basic skills	**Number** - Fraction, decimal, percent	**Shapes** Area	**Measurements** Measuring	**Statistics** Using data	Tests
Functional Skills Maths	**Number** Basic skills	**Number** - Fraction, decimal, percent	**Measures** Use of measures	**Shape and Space** Area & Volume	**Using Data** Averages	Tests

- The topics are the main learning objectives, there will always be a mixture of skills used throughout any term.
- Entry level maths is for students working toward GCSE.
- Functional Skills Maths is a qualification which runs parallel to GCSE and Entry Level, but focuses on problem solving.
- Some topics will only be taught if students are working at an appropriate level, otherwise the time will be used to strengthen basic skills and support understanding.
- Students will work toward whichever qualification is most appropriate for their current understanding and development.