|  |
| --- |
| At Abbot’s Lea School, we follow an adapted version of White Rose Maths. By this we mean that teachers adapt the content of the lesson to both **support** where the learner is as, and **ambitiously challenge** what they are capable of. In each term of each year, between 2-4 maths topics are covered (Number, Geometry, Measurement or Statistics). However, the pitch of that topic is dependent on where the student is currently at (based on EfL assessments)If learners meet all of their targets within these areas (the Primary Curriculum) they will move onto the secondary curriculum. A learner need not be at a secondary standard in all areas of maths. (They may well, for example, be working at Primary level in number and Secondary level in Measurement)The aim of this curriculum is that:* All learners should learn at their own level
* All teachers should move learners on to the highest level possible within any given area
* There is plenty of opportunity to revisit content through the year and through the student’s time at school so as to help students retain their learning
 |
|  | EYFS and KS1 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 |
| Term 17 Weeks(4 themes) | EYG | Basic NumberPlace ValueShapeMoney | Basic NumberPlace ValueMoneyWeight and Volume | Basic Number RecapPlace ValueShapeTime | Basic Number RecapPlace ValueShapeMoney | Place ValueAddition and SubtractionMultiplication and DivisionTimeLength and Perimeter | Place ValueProperties of shapeTimeConverting Units | Place ValueFractionsMoneyVolume | Place ValueAlgebraProperties of shapePosition and DirectionMoney | DecimalsConstructing, measuring and using geometric notationSets and ProbabilityVolume  |
| Term 23 days and 7 Weeks(4 themes) | Place ValueTimeWeight and VolumeShape | Addition and SubtractionShapeTimeLength and Height | Addition and SubtractionPosition and DirectionMoneyWeight and Volume | Addition and SubtractionTimeLength and HeightStatistics | FractionsPosition and DirectionMoneyConverting Units  | Addition and SubtractionMultiplication and DivisionFractionsMoneyLength and Perimeter | FractionsProperties of shapeTimeConverting Units | FractionsRatioConstructing, measuring and using geometric notationVolume  | AlgebraRatioProperties of shapeMoneyConverting Units |
| Term 33 days and 6 Weeks(4 themes) | Addition and SubtractionShapeMassTime | Multiplication and DivisionPlace valueWeight and VolumeShape | Multiplication and DivisionTimeMass, Capacity and TemperatureTime | Multiplication and DivisionPosition and DirectionMass, Capacity and TemperatureStatistics | Fractions,TimeMass and CapacityStatistics | FractionsPosition and DirectionVolumeConverting Units | AlgebraMass and CapacityPosition and DirectionStatistics | DecimalsTimeConverting UnitsSets and Probability  | FractionsTimeArea, perimeter and volumeSets and Probability |
| Term 46 Weeks(4 themes) | Place ValueMultiplication and DivisionTimeLength and Height | Place ValueAddition and SubtractionTimeMoney | Basic Number RecapPlace ValueMoneyPosition and Direction | Place ValueFractionsMoneyLength and Height | Place ValuedecimalsPosition and DirectionLength and Perimeter | Place ValueDecimalsVolumeStatistics | Place ValueDecimalsMoneyArea, perimeter and volume | FractionsProperties of shapePosition and DirectionRepresenting Data | AlgebraConstructing, measuring and using geometric notationSets and ProbabilityMoney |
| Term 55 Weeks(2-4 themes) | Basic NumberCapacity | Addition and SubtractionShape | Addition and SubtractionLength and Height | FractionsTimeMass, Capacity and Temperature | Addition and SubtractionMultiplication and DivisionMoneyArea | Addition and SubtractionMultiplication and DivisionLength and PerimeterArea | FractionsTimeMass and Capacity | DecimalsRatioArea, perimeter and volumeTables and Probability | FractionsDecimalsProperties of shapePosition and DirectionArea, perimeter and volume |
| Term 66 Weeks (one transition week)(2-4 themes) | Place ValueMoney | Place ValueMultiplication and DivisionTime | Multiplication and DivisionPosition and DirectionMass, Capacity and Temperature | FractionsLength and HeightStatistics | Decimals Converting UnitsMass and CapacityStatistics | DecimalsProperties of shapeMass and CapacityVolume | DecimalsAlgebraConverting UnitsStatistics | AlgebraConstructing, measuring and using Representing Data Converting Units  | RatioTimeConverting UnitsRepresenting Data |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Number | Geometry  | Measurement | Statistics |  |
| Primary (Mainstream) | 1. Basic Number
2. Place Value
3. Addition and Subtraction
4. Multiplication and Division
5. Fractions
6. Decimals
7. Algebra
8. Ratio
 | 1. Shape
2. Position and Direction
3. Properties and Shape
 | 1. Time
2. Mass
3. Capacity
4. Length and Height
5. Weight and Volume
6. Money
7. Mass, capacity and temperature
8. Length and Perimeter
9. Area
10. Converting Units
11. Volume
 | 1. Statistics
 |  |
| Secondary (Mainstream) | 1. Place Value and ordering integers and decimals
2. Fraction, decimals and percentage equivalence
3. Applications of Number: Solving problems with addition and subtraction
4. Applications of Number: Solving problems with multiplication and division
5. Fractions and percentages of amounts
6. Operations and Equations and Directed Number
7. Addition and Subtraction of fractions
8. Developing Number Sense
9. Prime Numbers and Proof
10. Multiplicative change
11. Multiplication and Division of fractions
12. Fractions and Percentages
13. Standard Index Form
14. Number Sense
15. Numbers
16. Using Percentages
17. Maths and Money
18. Ratios and Fractions
19. Percentages and interest
20. Non-calculator methods
 | 1. Constructing, measuring and using geometric notation
2. Developing geometric reasoning
3. Ratio and Scale
4. Angles in parallel lines and polygons
5. Area of trapezia and circles
6. Line symmetry and reflection
7. 3 Dimensional Shape
8. Constructions and Congruency
9. Deduction
10. Rotation and Translation
11. Pythagoras’ Theorem
12. Enlargement and Similarity
13. Solving ratio and proportion problems
14. Congruence, Similarity and Enlargement
15. Trigonometry
16. Angles and Bearings
17. Working with circles
18. Vectors
19. Gradients and Lines
20. Non-linear graphs
21. Using graphs
 | 1. Rates
 | 1. Sets and Probability
2. Tables of probability
 | If students in the secondary department complete the Primary curriculum, they should move onto the secondary year of WRM following the same support and ambition format |