



Curriculum Overview 2019-20: Maths

| Year Group | Autumn Term | Spring Term | Summer Term | Useful information / websites |
|------------|--|--|--|---|
| Year 7 | <ul style="list-style-type: none"> Analysing and displaying data Number skills Expressions, functions and formulae | <ul style="list-style-type: none"> Decimals, fractions Probability Ratio and proportion Equations | <ul style="list-style-type: none"> Perimeter, Area and volume Lines and angles Sequences and Graphs Transformations | MathsWatch Mathsgenie Corbettmaths AMA Twitter-AMA_Maths AMA Instagram - AMA_Maths https://padlet.com/tessmaths1/parentguide |
| Year 8 | Foundation Number Measures and 3D shapes Statistics Expressions and Equations Intermediate Number Area and Volume Expressions and Equations Real Life Graphs Higher Factors and Powers Working with powers 2D shapes and 3D Solids Real life graphs | Foundation Decimals calculations Angles Number properties Intermediate Decimals and Ratio Lines and Angles Calculating with fractions Higher Transformations Fractions/Decimals/Percentage Construction and Loci | Foundation Sequences Fractions and percentages Probability Intermediate Straight line graphs Fractions/Decimals/Percentage Statistics, graphs and charts Higher Probability Scale Drawings and Measures Graphs | MathsWatch Mathsgenie Corbettmaths AMA Twitter-AMA_Maths AMA Instagram - AMA_Maths https://padlet.com/tessmaths1/parentguide |
| Year 9 | Exam specification: Edexcel Higher; OCR Foundation | | | MathsWatch Mathsgenie Corbettmaths AMA Twitter-AMA_Maths |
| | Foundation Number Algebra | Foundation Fractions & Percentages Equations & Sequences | Foundation Area Probability | |



ASTON MANOR ACADEMY



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|---------|---|--|---|--|---|---|---|
| | Graphs, tables and charts Intermediate Number Algebra Graphs, tables and charts Higher Number Algebra Graphs, tables and charts | | Angles Shape Intermediate Fractions, ratio and percentages Angles and trigonometry Averages and range Graphs Higher Fractions, ratio and percentages Angles and trigonometry Averages and range Graphs | | Constructions Averages & Range Intermediate Averages Perimeter, Area, Volume Graphs Higher Area & volume Transformation Equations & inequalities | | AMA Instagram - AMA_Maths https://padlet.com/tessmaths1/parentguide |
| Year 10 | Exam specification: Edexcel Higher; OCR Foundation | | | | | | MathsWatch Mathsgenie Corbettmaths AMA Twitter-AMA_Maths AMA Instagram - AMA_Maths https://padlet.com/tessmaths1/parentguide |
| | Higher | Foundation | Higher | Foundation | Higher | Foundation | |
| | Number Algebra Interpreting Data Mobile phone Functional Task Fractions, Decimals & Percentages Angles & Trigonometry Graphs Planning a Dinner Party- | Number Algebra Graphs Mobile phone Functional Task Fractions, Decimals & Percentages Inequalities & Equations Angles Planning a Dinner Party- Functional Task | Area and volume Transformation s and constructions Functional Task Equations & Inequalities/ Probability Multiplicative reasoning Functional Task Multiplicative reasoning | Averages Transformation s Functional Task Ratio & proportion Right angle triangles: Multiplicative reasoning Functional Task | Similarity and congruence More trigonometry | Probability Constructions and loci Graphs | |

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| | Functional Task | | | | | | |
|---------|--|---|--|---|----------------------------|----------------------------|---|
| Year 11 | Exam specification: Edexcel Higher; OCR Foundation | | | | | | MathsWatch Mathsgenie Corbettmaths AMA Twitter-AMA_Maths AMA Instagram - AMA_Maths https://padlet.com/tessmaths1/parentguide |
| | Higher | Foundation | Higher | Foundation | Higher | Foundation | |
| | Number Algebra Interpreting and representing data Fractions, Decimals and Percentages More trigonometry Equations and graphs Further Stats Circle Theorems | Number Algebra Graphs FDP Trigonometry Equations and graphs Quadratic equations and graphs | More Algebra Vectors & Geometric Proof Proportion and graphs | Perimeter, Area & Volume: investigation circle area Congruence, Similarity & Vectors Congruence, Similarity & Vectors Fraction, Indices, Standard Form Fraction, Indices, Standard Form More Algebra | Revision of Exam questions | Revision of Exam questions | |

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