

## Curriculum Information for Parents

Key Stage 3 Year 9 Mathematics			
<b>Learning Leader Contact Information</b>		Phone: 01604 862125	Email: <a href="mailto:dalbir.sehra@ewsacademy.org.uk">dalbir.sehra@ewsacademy.org.uk</a>
<b>Examination Board</b>	Edexcel	<b>Specification Code</b>	1MA1
Subject Content			
	Foundation pathway		Higher pathway
Term 1 (Sept – Oct)	<ul style="list-style-type: none"> <li>● Written calculations</li> <li>● Powers and roots</li> <li>● Factors, multiples and primes</li> </ul>	<ul style="list-style-type: none"> <li>● Calculations, factors and multiples</li> <li>● Indices and surds</li> <li>● Standard form</li> </ul>	
Term 2 (Nov – Dec)	<ul style="list-style-type: none"> <li>● Expressions and substitution</li> <li>● Expanding and factorising</li> <li>● Writing and using formulae</li> </ul>	<ul style="list-style-type: none"> <li>● Simplifying, expanding and factorising</li> <li>● Equations and formulae</li> <li>● Standard form</li> </ul>	
Term 3 (Jan – Feb)	<ul style="list-style-type: none"> <li>● Tables</li> <li>● Graphs and charts</li> <li>● Time series and scatter graphs</li> <li>● Operations with fractions</li> <li>● Percentages, decimals and fractions</li> <li>● Calculating percentages</li> </ul>	<ul style="list-style-type: none"> <li>● Statistical diagrams</li> <li>● Averages and range</li> <li>● Scatter graphs and time series</li> <li>● Operations with fractions</li> <li>● Ratio and proportion</li> <li>● Fractions, decimals and percentages</li> </ul>	
Term 4 (Mar – Apr)	<ul style="list-style-type: none"> <li>● Equations and formulae</li> <li>● Inequalities</li> <li>● Sequences</li> </ul>	<ul style="list-style-type: none"> <li>● Angles and polygons</li> <li>● Pythagoras' Theorem</li> <li>● Trigonometry (basic)</li> </ul>	
Term 5 (Apr – May)	<ul style="list-style-type: none"> <li>● Angles between parallel lines</li> <li>● Triangles and quadrilaterals</li> <li>● Interior and exterior angles</li> <li>● Averages and range</li> <li>● Averages and range for grouped data</li> <li>● Sampling</li> </ul>	<ul style="list-style-type: none"> <li>● Linear graphs</li> <li>● Non-linear graphs</li> <li>● Real-life graphs</li> <li>● 2D shapes</li> <li>● Accuracy and measures</li> <li>● 3D solids volume and surface area</li> </ul>	
Term 6 (Jun – Jul)	<ul style="list-style-type: none"> <li>● 2D shapes</li> <li>● 3D solids</li> <li>● Measures and conversions</li> </ul>	<ul style="list-style-type: none"> <li>● Transformations</li> <li>● Drawings and bearings</li> <li>● Constructions and Loci</li> </ul>	
Assessment Details			
<p>Students will complete a pre and post assessment each term, and these will be kept in books once marked. Students will also receive a personalised learning checklist (PLC) at the end of each term, which will identify remaining gaps in learning. Students will also complete a cumulative end of year assessment, as well as a baseline assessment at the start of the year, to ensure that they begin on the correct pathway. Their pathway is continually reviewed based on in class and formal assessments, to ensure that students are ready for the most appropriate tier for GCSE by the start of Year 10</p>			
What can I do to support my child at home?			
<ul style="list-style-type: none"> <li>● Ensure that all homework tasks are completed</li> <li>● Ensure any remaining learning gaps identified in the PLC are addressed using the online resources available</li> </ul>			

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- Discuss and celebrate progress made through improvement in performance of pre and post termly assessments

### Recommended resources for the course:

Homework

Edexcel

Hegarty Maths

<https://qualifications.pearson.com>

### Teaching Staff Contact Details

Name	Role	Email	Tel
Dalbir Sehra	Learning Leader for Maths	<a href="mailto:dalbir.sehra@ewsacademy.org.uk">dalbir.sehra@ewsacademy.org.uk</a>	01604 862152/01908 563468
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### Additional Information: