

## Meadow Park School - Curriculum Map 2024-2025



Key Stage	Year Group	Subject	Teacher	Programme of Study		
4	11	Mathematics	Mr O'Toole	AQA		
Autumn a		Autumn b	Spring a	Spring b	Summer a	Summer b
Topic(s)		Topic(s)	Topic(s)	Topic(s)	Topic(s)	Topic(s)
<b>Year 10</b>						
<ul style="list-style-type: none"> <li>Linear Graphs</li> <li>Inequalities</li> <li>Transformations and vectors</li> <li>Formula and Kinematics</li> </ul>		<ul style="list-style-type: none"> <li>Indices and standard form</li> <li>Graphical Functions</li> <li>Volume and surface area</li> <li>Simultaneous equations</li> </ul>	<ul style="list-style-type: none"> <li>Trigonometry</li> <li>Revision</li> </ul>	<ul style="list-style-type: none"> <li>Revision</li> </ul>	<ul style="list-style-type: none"> <li>Revision</li> </ul>	<ul style="list-style-type: none"> <li>Revision</li> </ul>
Assessment Tasks		Assessment Tasks	Assessment Tasks	Assessment Tasks	Assessment Task	Assessment Tasks
Transformations of words Students transform shapes to make posters of important mathematical words.		Wrapping present task Students will measure the surface area of numerous items and limit the amount of waste paper				
Inequality street task Students pick sweets at random and determine if the question inside is correct or incorrect		Indices Maze Students create their own mazes using indices and standard form.	Trig pile up Students answer numerous questions to determine the value of x	Walking Talking Mock Past Papers Revision Sessions	Walking Talking Mock Past Papers Revision Sessions	Walking Talking Mock Past Papers Revision Sessions
Personal Development		Personal Development	Personal Development	Personal Development	Personal Development	Personal Development
Looking at what grades are needed for different college courses/careers so that students can set realistic but aspirational targets.		Exploring how prominent both Maths and English are in most jobs. Allowing students to investigate what type of maths they are likely to use in their chosen careers.	Students will explore how tax and national insurances are calculated.	Mental health and emotional wellbeing, including body image Managing change and loss	Diversity, prejudice and bullying including cyber bullying. Looking at statistics percentages and case studies	Students will look at how maths can help them eat and drink healthier by look at nutritional information etc.
Reading & Writing		Reading & Writing	Reading & Writing	Reading & Writing	Reading & Writing	Reading & Writing
Students will include a brief description of the different events chosen in their time line.		Students will explore the solar system to find distances before converting to standard form.	Students will be encouraged to use mathematical words wherever possible	Students will be encouraged to use mathematical words wherever possible..	Have access to a range of revision materials.	Have access to a range of revision materials.

Speaking & Listening	Speaking & Listening	Speaking & Listening	Speaking & Listening	Speaking & Listening	Speaking & Listening
Students will produce a presentation to show their findings	Students will discuss their findings with one another.	Discussing how deductions in salaries are calculated.	Students will discuss their findings with one another.	Rally and coach revision techniques Walking talking mock examples	Rally and coach revision techniques Walking talking mock examples
Numeracy & Mathematical Reasoning	Numeracy & Mathematical Reasoning	Numeracy & Mathematical Reasoning	Numeracy & Mathematical Reasoning	Numeracy & Mathematical Reasoning	Numeracy & Mathematical Reasoning
Introduction of maths triangles to help derive formula.	Introduction of new mathematical content and encouraged to find equations using investigative approach.	Encouraged to use mathematical terminology	Encouraged to use mathematical terminology	Revision mats, Functional skills questions.	Revision mats, Functional skills questions
Creative Media	Creative Media	Creative Media	Creative Media	Creative Media	Creative Media
Students will have access to ICT suite to research and present findings	Students will have access to ICT suite to research and present findings	Students will have access to ICT suite to research and present findings	Students will have access to ICT suite to research and present findings	Access to ipads/laptops for revision content	Access to ipads/laptops for revision content