


| Meadow Park School - Curriculum Map 2025-2026 | | | | | |  |
|---|------------|--|--|---|--|---|
| 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) |
| Year 10 | | | | | | |
| <ul style="list-style-type: none">Linear GraphsInequalitiesTransformations and vectorsFormula and Kinematics | | <ul style="list-style-type: none">Indices and standard formGraphical FunctionsVolume and surface areaSimultaneous equations | <ul style="list-style-type: none">TrigonometryRevision | <ul style="list-style-type: none">Revision | <ul style="list-style-type: none">Revision | <ul style="list-style-type: none">Revision |
| 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. |

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| 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 laptops for revision content | Access to laptops for revision content |
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