

# Meadow Park School - Curriculum Map 2025-2026



| Key Stage   | Year Group | Subject  | Teacher  | Programme of Study  |   |
|---|------------|--|--|---|---|
| 4   | 10         | Mathematics  | Mr O'Toole   | AQA   |   |
| Autumn a  |            | Autumn b   | Spring a   | Spring b  | Summer a  |
| Topic(s)  |            | Topic(s)   | Topic(s)   | Topic(s)  | Topic(s)  |
| Year 10   |            |  |  |   |   |
| <ul style="list-style-type: none"> <li>Number Properties</li> <li>Representing data</li> <li>2D shapes</li> <li>Negative numbers</li> </ul> |            | <ul style="list-style-type: none"> <li>Algebraic Expressions</li> <li>3D shapes</li> <li>Units</li> <li>Averages</li> </ul>  | <ul style="list-style-type: none"> <li>Fractions</li> <li>Perimeter and Area</li> <li>Probability</li> <li>Decimal Numbers</li> </ul>  | <ul style="list-style-type: none"> <li>Geometric Reasoning</li> <li>Patterns and Sequences</li> <li>Ratio and Proportion</li> <li>Scatter Graphs</li> </ul> | <ul style="list-style-type: none"> <li>Constructions</li> <li>Percentages</li> <li>Collecting Data</li> <li>Accuracy and rounding</li> </ul>          |
| Assessment Tasks  |            | Assessment Tasks   | Assessment Tasks   | Assessment Tasks  | Assessment Task   |
| Student to pick a topic of their choice and analyse the date. Eg Ronaldo's goals whether they were right left or headed                     |            | Carpet and skirting board task. Students will be given numerous rooms and will have to calculate the price of carpet and skirting board                              | Shopping task Students will be given different shopping list where they have to go online and calculate the overall price of each task | Sequences word search Students generate the first five terms of a sequence and find the corresponding answers in a word search                              | Students to investigate the origins of pi and challenge themselves to think of a sentence to help them to remember pie to as many places as possible. |
| Creating a timeline of importance dates in history to identify tens, hundreds and thousands.  |            | Students will create accurate nets of 3d shapes  | Carpet and skirting board task. Students will be given numerous rooms and will have to calculate the price of                          | Students will collect data from class/peers regarding shoe size and hand span and produce scatter graphs showing results                                    | Open book exam as a formative assessment to monitor students understanding.   |
| 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  | 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   |
| Students will include a brief description of the different events chosen in their time line.  |            | Students will present their findings whilst documenting any surprises they found on their investigation  | Students will record which supermarket chain has the best offers on different products.  | Students will follow a set of instructions which determine how to collect data.   | Students will be shown different revision exam techniques.  |

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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 debate why they think have a better/worse chance of winning the race. | Students will pair up to discuss their findings.   | Pupils are to communicate conclusions and reasoning clearly and effectively                                   | Students will discuss their idea for their gardens with their class.                     | Students will discuss the results of the open book exam as a rally and coach technique. |
| Numeracy & Mathematical Reasoning                                       | Numeracy & Mathematical Reasoning   | Numeracy & Mathematical Reasoning  | Numeracy & Mathematical Reasoning   | Numeracy & Mathematical Reasoning  | Numeracy & Mathematical Reasoning   |
| Arranging numbers and categorising and presenting data.                 | Working with money whilst calculating probabilities.                                | Comparing decimal numbers, ordering decimals. Also using mathematical equipment to draw accurate shapes. | Using different techniques to represent data discussing the difference between direct and inverse proportion. | Measuring, bisecting angles whilst working to fit different objects in a confined space. | Exploring the connection between pi, circumference and diameter.                        |
| Creative Media  | Creative Media  | Creative Media   | Creative Media  | Creative Media   | Creative Media  |
| Students will have access to ICT suite to research and present findings | Have access to ipad's to investigate the price of flooring for each room .          | Students to produce maths art work which will be displayed on walls.                                     | Interactive games to improve memory and recognition.  | Students will have access to ICT suite to research and present findings                  | Access to revision websites such as BBC Bitesize, Mathseffect.                          |
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