

Dear parent/ carer,

Attached is a White Rose Learning Journey book that supports the new mathematics curriculum at East Manchester Academy for key stage three (year 7 – 9).

This allows students to complete some independent practice and reinforces their understanding and knowledge beyond a classroom setting. Also, students that become better self-regulated learners achieve higher results at key stage four (GCSE).

We ask that our students complete the tasks in their book at home and those students who have tried a variation of the tasks by the end of the school year will be entered into a competition to win some big prizes.

Below is an overview of what year 8 are learning in their maths lessons this academic year. The book enclosed follows the same sequence.

| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 |
|-------------|---|--------|--|--------|---|--------|--|--------|---|---------|--|---------|
| Autumn term | Proportional reasoning Ratio & scale FREE TRIAL VIEW | | Proportional reasoning Multiplicative change VIEW | | Proportional reasoning Multiplying and dividing fractions VIEW | | Representations Working in the Cartesian plane VIEW | | Representations Representing data VIEW | | Representations Tables & Probability VIEW | |
| Spring term | Algebraic techniques Brackets, equations & inequalities VIEW | | | | Algebraic techniques Sequences VIEW | | Algebraic techniques Indices VIEW | | Developing Number Fractions & percentages VIEW | | Developing Number Standard index form VIEW | |
| Summer term | Developing geometry Angles in parallel lines & polygons VIEW | | Developing geometry Area of trapezia & circles VIEW | | Developing geometry Line symmetry & reflection VIEW | | Reasoning with data The data handling cycle VIEW | | Reasoning with data Measures of location VIEW | | | |

We will also be providing students with log in information for Timetables Rockstars to support the improvement of numeracy and Maths Watch for end of term revision and support with home learning.

Should you have any questions please contact the maths team.

Yours sincerely,

Miss Richardson, Lead Practitioner of Mathematics



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