



HALF TERM 6 June-July	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	
TOPIC (S)	Real life Graphs	Real Life Graphs	Inequalities	Revision and Mock Preperation	Mocks	Exam Review DIRT	

Knowledge & Skills
development

Real life Graphs

- plot and interpret graphs in real contexts, including:
 - reciprocal graphs
 - graphs of non-standard functions in real contexts
- find approximate solutions to problems such as simple kinematic problems involving distance, speed and acceleration:
- interpret the gradient of a straight-line graph as a rate of change

Inequalities

- solve linear inequalities in one variable
- represent the solution set on a number line

Assessment / Feedback Opportunities	Topic assessments	Self-assessment sheets	Homework (written and online)	Formative teacher assessment - verbal	Retrieval practice	
Cultural Capital	Graphs of real life situations Graphs to model situations					
SMSC / Promoting British Values (Democracy, Liberty, Rule of Law, Tolerance & Respect)	Willingness to participate in, and respond to mathematical opportunities. Use of social skills in different contexts, including working and socialising with pupils from different religious, ethnic and socio-economic backgrounds.					
Reading opportunities	What's the point of maths? Murderous Maths, Marvellous Maths, Launch a rocket into space, Humble Pi.					
Key Vocabulary	Graph, linear, quadratic, cubic, reciprocal, intercept, gradient, rate of change, slope, stationary, acceleration, roots, turning points, asymptotes, inequality, less than, more than, variable, solution set.					
Digital Literacy	Desmos, DFM, MSTeams					
Careers	Engineering, Business, Architecture, Building, Gaming, Banking, Design.					