Year 12, Further Mathematics, 2023-24

MALTBY ACADEMY

Half Term 1: 4th Sept - 20st Oct (7 weeks)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Matrices						Linear transformations
Algorithms				Graphs and networks		Algorithms on graphs

October Half-Term Holiday

Half Term 2

Week 8	Week 9
Linear transformations	
Algorithms on graphs	

Half Term 2: 30th Oct - 22nd Dec (8 weeks)

Week 10	Week 11	Week 12	Week 13	Week 14	Week 15
Linear transformations	Complex numbers				Argand diagrams
Route inspection		Linear programming			Critical path analysis

Christmas Holiday

Half Term 3

Week 16	Week 17
Argand diagrams	
Critical path analysis	

Half Term 3: 8th Jan - 9th Feb (5 weeks)

Week 18	Week 19	Week 20
Argand diagrams	Series	
Critical path analysis	Momentum and impulse	

February Half-Term Holiday

Half Term 4: 19th Feb - 29th March (6 weeks)

Week 21	Week 22	Week 23	Week 24	Week 25	Week 26
Roots of polynomials			Proof by induction		Exam week 1
Momentum and impulse		Work, energy and power			

Easter Holiday

Half Term 5: 15th April - 24th May (6 weeks)

Week 27	Week 28	Week 29	Week 30	Week 31	Week 32
Proof by induction	Vectors				
Work , energy and power				Elastic collisions in one dimension	

Spring Bank Holiday

Half Term 6

Week 33
Volumes of revolution
Elastic collisions in one dimension

Half Term 6: 3rd June - 19th July (7 weeks)

Week 34	Week 35	Week 36	Week 37	Week 38	Week 39
Volumes of revolution				Exam week 2	
Elastic collisions in one dimension					

Curriculum Intent: