YEAR 9

HALF TERM 6

What? When? Why?	Lesson 1 Learning intentions (what can a student do at the end of the lesson)	Lesson 2 Learning intentions (what can a student do at the end of the lesson)	Lesson 3 Learning intentions (what can a student do at the end of the lesson)	Lesson 4 Learning intentions (what can a student do at the end of the lesson)
Week 1 Probability	Single event probability (R)	Relative frequency - including convergence	Expected outcomes	Independent events
Week 2 Probability	Use tree diagrams (H)	Use tree diagrams to solve without replacement problems (H)	Find probability using Venn diagrams and two-way tables (R)	Draw and interpret quadratic graphs
Week 3 Algebraic representation	Interpret graphs, including reciprocal	Investigate graphs of simultaneous equations (H)	Represent inequalities on a graph	y = mx + c recap
Week 4	Gradients and intercepts of straight lines recap	Solving equations recap	Solving inequalities and integer solutions to inequalities recap	Surface area of prisms recap
Week 5	Surface area of cylinders recap	Volume of prisms and cylinders recap	FDP equivalence recap	Finding percentage of an amount recap
Week 6	Percentage increase and decrease recap	Calculating simple and compound interest recap	Rotation and translation recap	Finding the longest side using Pythagoras' theorem recap
Week 7	Finding a shorter side using Pythagoras' theorem recap	Solve ratio problems recap	Solve speed-distance-time problems recap	Solve best-buy problems recap