YEAR 8

HALF TERM 2

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 Working in the Cartesian plane	Work with co-ordinates in all 4 quadrants	Identify and draw lines parallel to the axes Recognise and use the line y = x and y = -x	Recognise and use lines of the form y = kx Recognise and use lines of the form y = x + a	Plot graphs of the form y = mx + c
Week 2 Working in the Cartesian plane	Find the gradient between two points	Interpret graphs with equation y = mx + c and understand that m is gradient and c is the y-intercept	Link y = kx to direct proportion problems	Recap and revise straight line graphs topic
Week 3 Representing data	Draw and interpret scatter graphs	Understand and use linear correlation Draw and use the line of best fit	Identify different types of data including use of key vocab; quantitative, qualitative, discrete, continuous, grouped	Read and interpret ungrouped frequency tables
Week 4 Representing data	Read and interpret grouped frequency tables	Represent grouped discrete data using composite bar charts and line graphs	Represent continuous data grouped into equal classes	Construct and interpret two-way tables
Week 5 Representing data Probability	Recap probability	Construct sample spaces for one or more events Find probabilities from a sample space	Use and interpret Venn diagrams	Find probabilities from Venn diagrams
Week 6				
Week 7			HALF TERM	HALF TERM

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