

### Key Stage 3. Lesson by Lesson.

**Year:** 8 **Tier:** Foundation and Higher **Term:** Autumn 2

**Low Stakes Test –**

**Key Words –**

**Hegarty Maths References in RED**

Week	Date	Lesson 1	Lesson 2	Lesson 3
1	2 Nov	Link $y = kx$ to direct proportion problems	Recognise and use lines of the form $y = x + a$	Explore graphs with negative gradient ( $y = -kx$ , $y = a - x$ , $x + y = a$ )
2	9 Nov	Link graphs to linear sequences <b>197</b>	Plot graphs of the form $y = mx + c$ <b>206</b>	
3	16 Nov	Draw and interpret scatter graphs <b>453</b>	Draw and use line of best fit <b>454</b>	Identify different types of data <b>392, 393</b>
		Understand and describe linear correlation	Identify non-linear relationships	Read and interpret grouped/ungrouped frequency tables
4	23 Nov	Represent grouped discrete data	Construct and interpret two way tables <b>422</b>	
		Represent continuous data grouped into equal classes		
5	30 Nov	Construct Sample Space for one or more events <b>358</b>	Find probabilities from two way tables <b>423</b>	Find probabilities from Venn Diagrams <b>383</b>
		Find probabilities from a sample space <b>359</b>		
6	7 Dec	Use the product rule for finding the total number of possible outcomes <b>671, 672, 673</b>	CONSOLIDATION	
7	14 Dec	CONSOLIDATION		