Half term 3 lesson break down

The dates are approximate as your class may be working at a different point.

If you are unsure of where to start, you need to send a message to your teacher on class charts.

You will have a weekly homework task that needs to be uploaded to Class charts for your teacher to mark.

Week number	Lesson
16 **Week beginning** **4th January**	**Percentages and Variation** • Calculate simple interest • Calculate compound interest • Solve problems involving repeated percentage change • Calculate a reverse percentage
17 **Week beginning** **11th January**	**Percentages and Variation** • Solve problems in which two variables have a directly proportional relationship • Video 1 • Video 2 • Recognise the constant of proportionality • Recognise graphs that show direct variation • Solve problems in which two variables have an inversely proportional relationship
18 **Week beginning** **18th January**	**Representation and Interpretation** • Obtain a random sample from a population • Know how to collect unbiased and reliable data • Draw and interpret pie charts
19 **Week beginning** **25th January**	**Representation and Interpretation** • Draw, interpret and use scatter diagrams • Video 1 • Video 2
20 **Week beginning** **1st Feb**	**Curved shapes and Pyramids** • Calculate the length of an arc • Calculate the area of a sector and angle of a sector • Calculate the volume and surface area of a pyramid
21 **Week beginning** **8th Feb**	**Curved shapes and Pyramids** • Calculate the volume and surface area of a pyramid • Calculate the volume and surface area of a cone • Calculate the volume and surface area of a sphere

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