	Year 7	Year 8	Year 9
Higher	• Select appropriate methods & techniques to solve problems in familiar contexts • Have a developing understanding of some different types of number & their associated properties. • Have an understanding of how to use algebra to represent simple numerical relationships • Be able to perform multi-step calculations with given rational numbers fluently • Be able to set up simple linear equations & solve them fluently • Be able to move fluently between ratio, fractions, decimals & percentages • Have a developing understanding of graphs of linear functions • Be able to work with graphical representations of data • Be able to describe the features of a dataset • Identify, describe & use the geometrical properties of some 2D shapes	• Select appropriate concepts, methods & techniques to solve problems in familiar contexts • Have a secure understanding of some different types of number & their associated properties • Have a secure understanding of how to use algebra to represent more complex numerical relationships • Select an appropriate strategy & perform multi-step calculations with given rational numbers fluently • Be able to set up linear equations with greater complexity & solve them fluently • Have an understanding of multiplicative relationships & be able to move fluently between ratio, fractions, decimals & percentages • Have an understanding of different types of sequences • Have an understanding of how to represent a variety of functions using the cartesian coordinate system • Have an understanding of the fundamentals of probability • Have an understanding of geometrical properties of some 2D & 3D shapes	• Move freely between different numerical, algebraic, graphical & diagrammatic representations • Select appropriate concepts, methods & techniques to solve unfamiliar & non-routine problems • Have a secure understanding of different types of number & their associated properties • Have a secure understanding of how to use algebra to represent general numerical relationships • Select an appropriate strategy & perform any calculation with given numbers & perform complex calculations fluently • Be able to set up & solve linear equations in any form fluently • Have a secure understanding of multiplicative relationships & be able to move fluently between ratio, fractions, decimals & percentages • Have a secure understanding of different types of sequences & make & test conjectures about number patterns • Have a secure understanding of how to represent a variety of functions using the cartesian coordinate system • Have a secure understanding of graphical representations of data including when each is appropriate • Have a secure understanding of how to perform simple statistical analysis & draw conclusions from data in a variety of formats • Have a secure understanding of the fundamentals of probability • Have a secure understanding of geometrical properties of a variety of 2D & 3D shapes
Intermediate	• Have knowledge of the properties of some different types of number • Be able to use algebra to represent simple numerical relationships • Be able to perform multi-step calculations with simple rational numbers • Be able to solve linear equations in routine formats • Be able to move between ratio, fractions, decimals & percentages • Be able to represent linear functions using the cartesian coordinate system • Be able to represent data graphically • Be able to describe the features of a dataset • Identify, describe & use the geometrical properties of simple 2D shapes	• Select appropriate methods & techniques to solve problems in familiar contexts • Have a developing understanding of some different types of number & their associated properties • Have an understanding of how to use algebra to represent simple numerical relationships • Be able to perform multi-step calculations with given rational numbers • Be able to set up & solve linear equations in routine formats • Be able to move fluently between ratio, fractions, decimals & percentages • Be able to identify & describe different types of sequence • Have a developing understanding of graphs of linear functions represented on the cartesian coordinate system • Be able to calculate probabilities from given information • Identify, describe & use the geometrical properties of some 2D & 3D shapes	• Select appropriate concepts, methods & techniques to solve problems in familiar contexts • Have a secure understanding of some different types of number & their associated properties & use them to solve problems • Have a secure understanding of how to use algebra to represent more complex numerical relationships • Select an appropriate strategy & perform multi-step calculations with given rational numbers • Be able to set up & solve linear equations with greater complexity • Have an understanding of multiplicative relationships & be able to move fluently between ratio, fractions, decimals & percentages • Have an understanding of different types of sequences • Have an understanding of how to represent a variety of functions using the cartesian coordinate system • Have an understanding of graphical representations of data • Have an understanding of how to compare two sets of data • Have an understanding of the fundamentals of probability • Have an understanding of geometrical properties of a variety of 2D & 3D shapes
Foundation	• Be able to identify different types of numbers • Be able to manipulate simple algebraic expressions • Be able to perform single step calculations with simple rational numbers • Be able to solve linear equations that require a single step • Be able to write quantities as ratios, fractions, decimals or percentages • Be able to plot coordinates in all 4 quadrants • Be able to draw bar charts & scatter graphs • Be able to calculate averages from a list of data & frequency table • Be able to use geometric facts to calculate angles, perimeter & area of simple 2D shapes	• Have knowledge of the properties of some different types of number • Be able to manipulate more complex algebraic expressions • Be able to perform single step calculations with numbers in different formats • Be able to solve simple linear equations that require multiple steps • Be able to convert between quantities written as ratios, fractions, decimals or percentages • Be able to recognise & continue number patterns • Be able to represent linear functions using the cartesian coordinate system • Be able to calculate simple probabilities from given information • Identify & use the geometrical properties of some 2D shapes & cuboids	• Have knowledge of the properties of some different types of number & use them to solve problems • Be able to manipulate algebraic expressions & use them to represent simple numerical relationships • Be able to perform multi-step calculations with given rational numbers • Be able to solve linear equations in routine formats • Be able to move between ratio, fractions, decimals & percentages & use this to solve problems • Be able to identify & describe different types of sequence • Be able to represent a variety of functions using the cartesian coordinate system • Be able to represent data graphically • Be able to compare two sets of data • Be able to calculate probabilities from given information • Identify, describe & use the geometrical properties of some 2D & 3D shapes