

Half term 2	Key vocabulary
<p><b><u>Inequalities</u></b></p> <ul style="list-style-type: none"> <li>• Show inequalities on a number line, using solid circles to show inclusive values and open circles to show exclusive values [maths watch clip 138]</li> <li>• Write down an inequality shown on a number line [maths watch clip 138]</li> <li>• Solve a simple linear inequality and represent it on a number line [maths watch clips 138, 139]</li> </ul> <p><b><u>Linear and conversion graphs</u></b></p> <ul style="list-style-type: none"> <li>• Work out the equations of horizontal and vertical lines [maths watch clip 96]</li> <li>• Plot a linear graph from its equation [maths watch clip 96]</li> <li>• Draw a line with a certain gradient [maths watch clip 96]</li> <li>• Draw graphs using a gradient/intercept method [maths watch clip 96]</li> <li>• Draw graphs using the cover-up method [maths watch clip 96]</li> <li>• Convert from one unit to another unit by using a conversion graph [maths watch clip 107]</li> <li>• Draw and interpret information from graphs of real-life situations [maths watch clip 107]</li> <li>• Understand that straight and curved graphs can represent real-life situations [maths watch clip 107]</li> <li>• Work out the gradient of a straight line [maths watch clip 97]</li> <li>• Interpret the gradient from real life graphs</li> <li>• Work out the equation of a straight line from a graph [maths watch clips 159a, 159b]</li> </ul>	<p>Inequality inclusive exclusive linear solve linear gradient intercept interpret conversion graph</p>
	<p>Key ideas</p> <ul style="list-style-type: none"> <li>• Understanding the concept of inequalities – what they represent and how they can be represented.</li> <li>• Understanding the link between formulae and straight line graphs.</li> <li>• Interpreting key values from linear graphs - what effect does changing the gradient have on a linear graph.</li> <li>• Understanding how conversion graphs are used and the relevance of the gradient and y intercept of a conversion graph.</li> </ul>