

# Curriculum Overview

Subject: Maths

Year Group: 8



Year 8 students will follow the scheme of work according to their sets and ability. Platinum and gold pathway are following the Higher scheme of work. Silver and Bronze pathways follow the Foundation scheme of work. They will undertake assessments every half term to see how they progress. They may move up or down depending on test results.

TERM 1	TERM 2	TERM 3
<b>KNOWLEDGE/SKILLS</b> Higher: <ul style="list-style-type: none"> <li>• Factors and powers</li> <li>• Working with powers</li> <li>• 2D shapes and 3D solids</li> </ul> Foundation: <ul style="list-style-type: none"> <li>• Number properties and calculations</li> <li>• Shapes and measures in 3D</li> <li>• Statistics</li> <li>• Expressions and equations</li> </ul>	<b>KNOWLEDGE/SKILLS</b> Higher: <ul style="list-style-type: none"> <li>• Real life graphs</li> <li>• Transformations</li> <li>• Fractions, decimals and percentages</li> </ul> Foundation: <ul style="list-style-type: none"> <li>• Decimal calculations</li> <li>• Angles</li> <li>• Number properties</li> </ul>	<b>KNOWLEDGE/SKILLS</b> Higher: <ul style="list-style-type: none"> <li>• Constructions and loci</li> <li>• Probability</li> <li>• Scale drawings and measures</li> <li>• Graphs</li> </ul> Foundation: <ul style="list-style-type: none"> <li>• Sequences</li> <li>• Fractions and percentages</li> <li>• Probability</li> </ul>
<b>KEY ASSESSMENTS</b> <u>Half term 1:</u> Autumn Term 1 Assessment <u>Half term 2:</u> End of Term 1 Assessment	<b>KEY ASSESSMENTS</b> <u>Half term 1:</u> Spring Term 1 Assessment <u>Half term 2:</u> End of Term 2 Assessment	<b>KEY ASSESSMENTS</b> <u>Half term 1:</u> Summer Term 1 Assessment <u>Half term 2:</u> End of Term 3 Assessment
Extended reading suggestions and external resources: Mathswatch - <a href="https://vle.mathswatch.co.uk/vle/">https://vle.mathswatch.co.uk/vle/</a> ; Mainly used for exam questions based on specific topics Mathsbot - <a href="https://mathsbot.com/">https://mathsbot.com/</a> ; differentiated activities to help build key skills as well as worksheets for consolidation of work. MyMaths - <a href="https://login.mymaths.co.uk/login">https://login.mymaths.co.uk/login</a> Corbett Maths – <a href="https://corbettmaths.com/">https://corbettmaths.com/</a> ; 5-a-day questions which are good problem solving starter questions for all abilities.		