



Year 9

Are you on track with your recent studies? Look through this checklist of key topics and see if you have an understanding of the key ideas. If you discover a gap in your knowledge use the highlighted tasks from the recently set work to fill in any gaps. Highlight any areas you need to work on.

Factorising and Expanding	\checkmark	1	×	
I can factorise and expand both linear and quadratic expressions. First watch mathswatch clips 94 and 157 <u>MathsWatch</u> . Then complete the <i>Y9 Summer Support Factorising and Expanding Task</i>				
Standard Form				
I can convert between standard form and ordinary numbers, and com- plete calculations with standard form. First watch mathswatch clip 83 <u>MathsWatch</u> . Then complete the <i>Y9 Summer Support Standard Form Task</i>				
Pythagoras and Trigonometry				
I can confidently find missing lengths of right angles triangles using Py- thagoras' Theorem, as well as use trigonometry to find missing lengths and angles of right-angled triangles. First watch mathswatch clips 150a and 168 <u>MathsWatch</u> . Then complete the <i>Y9 Summer Support Pythagoras</i> <i>and Trigonometry Task</i>				
Volume and Surface Area				
I can calculate the volume and surface area of cuboids and prisms. First watch mathswatch clips 114a/b, 115, 118 and 119 <u>MathsWatch</u> . Then complete the <i>Y9 Summer Support Volume and Surface AreaTask</i> .				
Compound Interest				
I can correctly calculate GCSE style compound interest problems. First watch mathswatch clip 164 <u>MathsWatch</u> . Then complete the <i>Y9 Summer Support Compound Interest Task</i>				
Challenge Time - Want to get ahead of the game and prepare for next term? Why not try these tasks:				
 We will be looking at solving quadratic equations in September. Watch the mathswatch clip 157 (GCSE) <u>MathsWatch</u> 				