

**If you are in 9X4, 9X5, 9X6, 9Y4, 9Y5, 9Y6 please use links from the left hand column (Foundation skills) and middle column (Core Skills).
If you are in in 9X1, 9X2, 9X3, 9Y1, 9Y2, 9Y3 please use links from the middle column (Core Skills) and right hand column (Mastery)**

		Higher Groups 1,2,3	
Foundation Groups 4,5,6			
Foundation Skills	Core Skills	Mastery	
<p>Angles: full circle (at a point) Video 30 Practice Questions Textbook Exercise Practice Questions answers Textbook answers</p> <p>Angles: quadrilaterals Video 33 Practice Questions Textbook Exercise</p> <p>Angles: straight line Video 35 Practice Questions Textbook Exercise Practice Questions answers Textbook answers</p> <p>Angles: triangle Video 37 Practice Questions Textbook Exercise Practice Questions answers Textbook answers</p> <p>Angles: vertically opposites Video 39 Practice Questions Textbook Exercise Practice Questions answers Textbook answers</p>	<p>Angles: parallel lines Video 25 Practice Questions Textbook Exercise Practice Questions answers Textbook answers</p> <p>Angles: polygons Video 32 Practice Questions Textbook Exercise Practice Questions answers Textbook answers</p>	<p>Equations: angles and perimeter (focus on the angles problems) Video 114 Practice Questions Textbook Exercise Practice Questions answers Textbook answers</p> <p>Practice further forming and solving equations from angle contexts here: https://donsteward.blogspot.com/2015/06/angles-with-algebra.html (no answers, sorry)</p> <p>Extension: forming and solving equations involving polygons https://donsteward.blogspot.com/2019/11/regular-polygons-with-algebra.html (no answers, sorry)</p>	
<p>Similar shapes: definition Video 291 Practice Questions Practice Questions answers</p> <p>Congruent shapes Video 66 Practice Questions Textbook Exercise Practice Questions answers Textbook answers</p>	<p>Similar shapes: finding sides Video 292 Practice Questions Textbook Exercise Practice Questions answers Textbook answers</p>	<p>Congruent triangles Video 67 Practice Questions Textbook Exercise Practice Questions answers Textbook answers</p> <p>'Nested' similar triangle problems: http://taylorda01.weebly.com/uploads/4/2/3/8/42387051/similar_triangles_01.pdf Answers: http://taylorda01.weebly.com/uploads/4/2/3/8/42387051/similar_triangles_01_answers_v2.pdf</p> <p>Extension: Here is a proof to try that uses congruency: https://donsteward.blogspot.com/2012/04/thebaults-theorem-2.html (no answers, sorry)</p>	

<p>Area: rectangle Video 45 Practice Questions Textbook Exercise Practice Questions answers Textbook answers</p> <p>Area: triangle Video 49 Practice Questions Textbook Exercise Practice Questions answers Textbook answers</p> <p>Area: parallelogram Video 44 Practice Questions Textbook Exercise Practice Questions answers Textbook answers</p> <p>Circles: area Video 59 Practice Questions Textbook Exercise Practice Questions answers Textbook answers</p> <p>Circles: circumference Video 60 Practice Questions Textbook Exercise Practice Questions answers Textbook answers</p> <p>Volume: cube/cuboid Video 355 Practice Questions Textbook Exercise Practice Questions answers Textbook answers</p>	<p>Area: trapezium Video 48 Practice Questions Textbook Exercise Practice Questions answers Textbook answers</p> <p>Volume: prism Video 356 Practice Questions Textbook Exercise Practice Questions answers Textbook answers</p> <p>Volume: cylinder Video 357 Practice Questions Textbook Exercise Practice Questions answers Textbook answers</p> <p>Surface area: cuboid Video 310 Practice Questions Textbook Exercise Practice Questions answers Textbook answers</p> <p>Surface area: other prisms (particularly triangular) Video 312 https://worksheetplace.com/mf_pdf/Triangular-Prism-Area-10.pdf</p>	<p>Try the 'Apply' sections of the Corbettmaths worksheets. Focus especially on problems that involve working backwards from a given volume to a missing length or that use algebra</p> <p>Try the first slide of surface area of cuboids from Don Steward. https://donsteward.blogspot.com/2014/03/harder-surface-area-questions.html (no answers, sorry)</p> <p>Cylinder extension problems, particularly the last slide that has 4 questions: https://donsteward.blogspot.com/2013/01/cylinder-volume-questions.html (no answers, sorry)</p>
<p>Number: square numbers Video 226 Video 227 Practice Questions Textbook Exercise Practice Questions answers Textbook answers</p> <p>Correct use of a calculator Video 352 Practice Questions Textbook Exercise Practice Questions answers Textbook answers</p>	<p>Pythagoras Video 257 Practice Questions Textbook Exercise Practice Questions answers Textbook answers</p>	<p>Pythagoras: 3D Video 259 Practice Questions Textbook Exercise Practice Questions answers Textbook answers</p> <p>Trigonometry introduction: Video 329 Practice Questions Textbook Exercise Practice Questions answers Textbook answers</p> <p>Trigonometry missing sides: Video 330 Practice Questions Textbook Exercise Practice Questions answers Textbook answers</p> <p>Trigonometry missing angles: Video 331 Practice Questions Textbook Exercise Practice Questions answers Textbook answers</p> <p>Extension: Here is a Pythagoras problem that links to another topic from this half term... https://donsteward.blogspot.com/2010/10/plank-length.html (no answers, sorry)</p>