

INDEPENDENT LEARNING PROJECT TASK SHEET

Subject: Maths	Project title: Three is the magic number
Project task: To produce a revision tool (booklet, power point etc) about triangles.	

<p>Key questions:</p> <ul style="list-style-type: none"> • What are the different types of triangle? How can we tell the difference? • What is a similar triangle? How do we use them? • Are there any special formulas we use with triangles? What are they and how do we use them? 	<p>Project should include:</p> <ul style="list-style-type: none"> • Correct notation on diagrams of triangles. • References to the area and angles within triangles. • A test to give yourself to aid with your SAT revision. This could include past SAT questions.
--	--

Use the outcome levels below to help you see what you should be aiming to achieve.

Outcome levels	
Level 3	The different types of triangle are classified with their properties listed.
Level 4	Triangles are drawn accurately using the correct equipment and measurements. The perimeter of a triangle is found. Area of a triangle is found by counting squares.
Level 5	The angle sum of a triangle is known and used. All lines of symmetry on a triangle are found.
Level 6	The formula to find the area of a triangle is known and used.
Level 7	Pythagoras' theorem is explained and used to find missing lengths. The volume of a triangular prism is known and used.
Level 8	Missing lengths on similar triangles are calculated. Trigonometry is known and used to find missing angles and lengths.