

Careers and Curriculum Links – Maths

	Cycle 1	Cycle 2	Cycle 3
Year 7	<p>Area – how jobs like gardening, decorating, etc, need a solid understanding of area</p>		<p>Statistics – how the media / advertising use diagrams to statistics in the way they want them to look</p>
Year 8		<p>Construction – how this is used by architects / designers / artists / engineers to draw accurate designs.</p>	<p>Statistics – how consumer research would get information about varying things by collecting data.</p>
Year 9	<p>Co-Ordinates – how anything needing the use of maps would link to co-ordinatinates</p> <p>Scale drawing - how this is used by architects / designers / engineers to plan designs.</p>		<p>Pythagoras and Trigonometry – how this is used by architects / designers / engineers to draw accurate designs.</p>
Year 10	<p>Standard Form – how this is used in science and engineering to represent very large or very small amounts</p> <p>Percentage change – how banks calculate the interest in loans / accounts</p>	<p>Bearings – how pilots use these to navigate</p>	
Year 11	<p>Pythagoras and Trigonometry – how this is used by architects / designers / engineers to draw accurate designs.</p>		

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- 1) When do you make explicit links in lessons to a particular career that the subject matter/skills are relevant to? (Gatsby Benchmark 4 – Linking curriculum learning to careers)
- 2) What opportunities have been planned/could be planned to invite employers/businesses in that would make students more aware of employment opportunities in your field? (Gatsby Benchmark 5 - Encounters with employers and employees)
- 3) Do you/could you run any expeditions that expose students to potential employment routes/employers? (Gatsby Benchmark 6 - Experiences of workplaces)