



Useful Links



NASA aeroplane volumes

<http://www.grc.nasa.gov/WWW/K-12/airplane/volume.html>

Level: GCSE

Description: Website describing how to calculate the volume of different shapes and why this is useful to know when designing aircraft.

BBC - h2g2 - The Hairy Ball Theorem

<http://www.bbc.co.uk/dna/h2g2/A9632964>

Level: GCSE

Description: Outlines how mathematicians think of simple problems and then extend them to totally different areas.

Cut it out and curl it up

http://www.mathscareers.org.uk/viewItem.cfm?cit_id=382817

Level: Up to GCSE

Description: This site includes information on how hairdressers use maths to get the cut and colour their client is looking for.

If you can't bend it, model it!

<http://plus.maths.org/content/os/issue40/features/bray/index>

Level: GCSE to undergraduate

Description: A webpage describing in detail the mathematics behind the sports technique of spin.

Calendar | motivate.maths.org

http://motivate.maths.org/conferences/conference.php?conf_id=23

Level: GCSE and beyond

Description: A website full of resources for teachers and students focusing on the maths involved in sports.

Plus Careers with Maths Library

<http://plus.maths.org/content/Career>

Description: A website containing numerous games and puzzles designed to engage users in mathematical problems.

10 ticks

www.10ticks.co.uk/index.aspx

Description: A website containing numerous worksheets, games and activities designed to support students' mathematical studies up to and including GCSE level. Free registration allows access to all areas of the site.

Cut the knot

www.cut-the-knot.org/do_you_know/index.shtml

Description: This website is designed to get people to engage with maths through a range of interactive activities. This particular section contains a number of interesting mathematical facts. Note that many of the illustrations require a Java-enabled browser.

Nrich Maths

<http://nrich.maths.org/public/index.php>

Description: A website containing numerous games and puzzles designed to engage users in mathematical problems.

