

Maths



The Maths of Cycling by Dan Walker

<https://www.tes.co.uk/teaching-resource/the-maths-of-cycling-6435356>

Source: TES, updated 26/9/14, created 27/6/14

A brief look at some of the Maths that underpins cycling performance - how **gear ratios**, **gradient**, **air resistance** and **power output** effect **speed**. Requires, ideally, some familiarity with **ratios**, **linear & cubic formulae** and **functions**. Includes some worksheets (at end of presentation) for printing.

Calculating the carbon footprint of your journey to school

Guidance and a calculation spread sheet has been included in order for students to work out the carbon footprint of their journey to school each day (or other relevant journey as applicable). See folder for details.

Please refer to “Cross curriculum resources” for additional ideas incorporating maths.