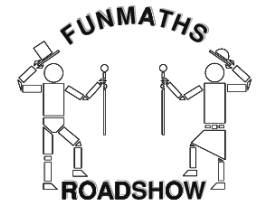


Mathematics Puzzles for use at home



These activities are based on FunMaths Roadshow puzzles published by Liverpool Mathematical Society.

This selection of maths puzzles is intended to support and stimulate learning at home during the unprecedented period of self-isolation imposed by the COVID-19 pandemic in 2020.

The Roadshow materials in their current form, are designed to be produced in schools, with baseboards printed on A3 coloured card, and supported by equipment commonly found in UK classrooms.

This selection of Roadshow puzzles has been modified and adapted for use by pupils and parents at home, with a minimum of resources and equipment.

Pupils will need **pen or pencil**, some **paper** to write on (single sheets or an exercise book), **scrap paper** or card (for example an empty cereal packet), and **scissors**.

A few puzzles require **dominoes**. You might already have a set of these at home, but if not, a template is provided which will require printing from a computer and cutting with scissors.

A few other puzzles use **dice**. You might also have these at home in various board games, otherwise a template is provided.

You will of course need access to a computer/laptop/tablet/smart-phone to view the baseboards, instructions, templates and answers, which are presented as pdf files.

The baseboards should be viewed on a computer screen, scaled to an appropriate size, **or copied freehand onto paper, or into an exercise book.**

Whenever possible, puzzles are offered at increasing levels of difficulty and include extension challenges.

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The FunMaths Roadshow team
Liverpool Mathematical Society

<http://www.funmathsroadshow.com>