

## Why Cars maths in motion is a good way of learning maths?

Cars maths in motion shouldn't be condemned as it enables you to apply mathematical skills and logical thinking.

Maths in motion is a computer based programme that gives you an incentive to try your best at maths; Skills such as probability, measuring angles and various multiplication and division methods that are used <sup>in maths</sup> regularly, in all areas of the maths curriculum. It is an exciting yet challenging opportunity to learn about formula 1 and the mathematics that run alongside.

Although it may be interpreted as a modified racing game it involves teamwork and communication. Knowledge and logical reasoning take a big role in maths in motion. Also it is necessary to analyse data frequently, e.g. when converting track measurements to feature definitions.

Index of skills used in Maths in Motion:

- Logical reasoning
- Converting measurements
- Measuring angles & lines
- Multiplication and Division methods
- Long addition and subtraction methods
- Estimating
- Probability
- ICT skills
- data logging and Analysing

## Index of Maths in Motion Skills needed (cont)

- Communication
- Teamwork
- Scales
- Use of a protractor
- Measurements and capacity

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