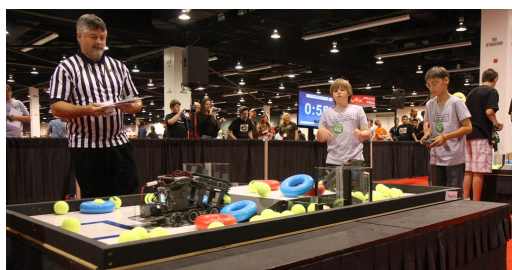


# STEM Robotics Roadshows

Science ☒ Technology ☒ Engineering ☒ Maths ☒



The Robotics Roadshow offers the ability to teach pupils about basic technology / computer science skills and concepts to solve practical quests.

The Robotics Roadshow makes coding fun, accessible and easy to teach. It helps educate pupils on the fundamental principles of computer science via these unique, programmable, quick-fit construction kits which can be built into multiple exciting robots!

This roadshow will inspire your pupils and support the curriculum. This innovative STEM project has the potential to link to a national robotics competition, but also to support schools establishing their own robotics curriculum enrichment activities and after-school clubs.

## Robotics and the Curriculum

The Robotics Roadshow has many classroom based activities, which can help meet the requirements of the National Curriculum;

- Create and debug simple programs
- Use logical reasoning to predict the behaviour of simple programs
- Design, write and debug programs that accomplish specific goals
- Use sequence, selection, and repetition in programs; work with variable and various form of input and output
- Convert between different units of measure (cm/mm)
- Identify; angles at a point and one whole turn ( $360^\circ$ ), angles at a point on a straight line and  $1/2$  a turn (total  $180^\circ$ ) and other multiples of  $90^\circ$

The Roadshow will consist of pupils learning about the different types of robots used in everyday life and industry. They will investigate and design a robot suited for purpose.

Educator  
Solutions

STEM  
SCIENCE | TECHNOLOGY | ENGINEERING | MATHS

## Contact Details

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## Audience

Primary

## Date Options:

~~Date Option (1) Thursday 22nd June~~

~~Date Option (2) Tuesday 27th June~~

Date Option (3) Friday 14th July

Date Option (4) Tuesday 18th July

~~Date Option (5) Wednesday 19th July~~

**Venue:** the Kinesis Centre (formally the study centre)

**Price:** £20 per pupil *[football tour is included but subject to availability]*

Minimal number of 20 pupils and Maximum number of 40 pupils.

Delivered at the Kinesis Centre, our new specialist learning space in the Norwich City Football Club Stadium.



**Rapid**  
education



For more information and to make a booking

[www.educatorsolutions.org.uk](http://www.educatorsolutions.org.uk) or call 01603 307715 or 01603 218757