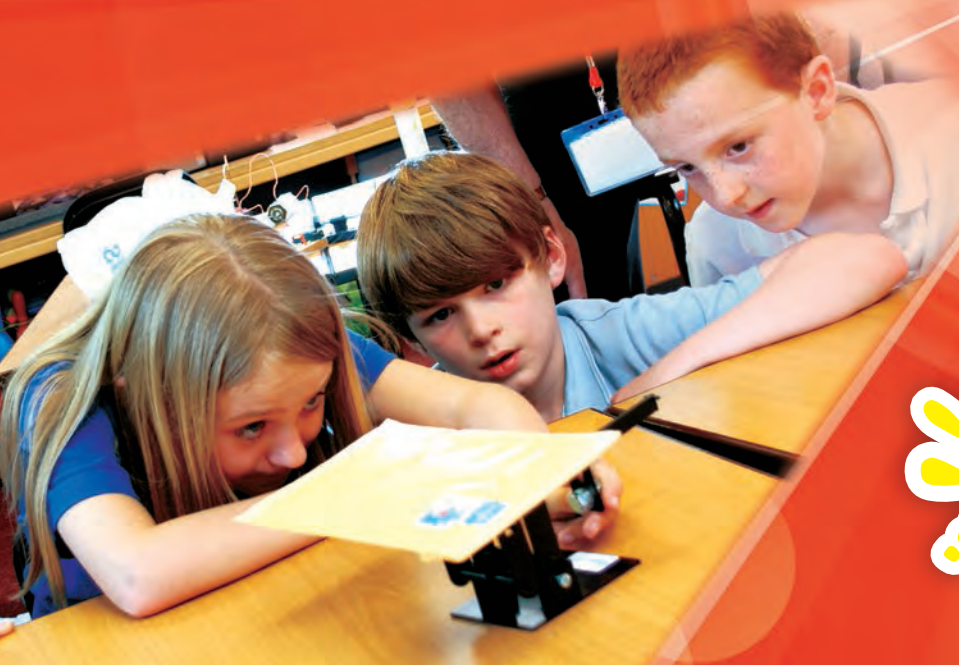


Curriculum-linked STEM projects for Key Stages 2 & 3

for delivery in schools or
in Imagineering Clubs

**Fun, Inspiring,
Practical
Learning**



Fun hands-on STEM projects for 9 - 13 year olds

Imagineering STEM projects align closely with the National Curriculum and provide exciting fun opportunities for pupil engagement making working engineering projects from kits, using simple tools. Pupils keep these projects when complete. Ideally these projects can be delivered in school or in an after-school Imagineering Club.

Typically each Imagineering Club

- can have any number of children (but 12 is ideal); girls and boys; mixed skills and backgrounds
- can be led by a volunteer engineer (with full DBS) and/or teacher/teaching assistant
- will always have a teacher present

How do the Clubs work?

- Clubs run for an hour a week throughout school year
- Fun friendly learning environment
- Most projects are completed in 2-4 weeks

Imagineering provides

- Project kits for the Clubs, delivered termly to the schools
- Illustrated instructions, tutor notes, curriculum links, worksheets for each kit
- Recommended tools available at discount

Projects include

Aeroglide; Helicopter; Morse Key & Buzzer; Letter Balance; Magnetic Compass; AM Radio

More advanced 'Inter-engineering' projects for 13 year olds include Hydraulic Arm, Wind Turbine, Electric Car, Robot

“

...they really enjoy it - everything is put into context and how it all relates to real life.

The Maths element particularly fits well with the National Curriculum”



Benefits of an Imagineering Club

...for the pupils

- They gain experience; motivation; self-confidence; life skills; sense of achievement
- Extra tuition to help with other subjects such as Science and Maths
- They have fun while learning
- Experience of real-life engineering

...for the school

- Imagineering Clubs match to STEM activities
- All sessions carefully planned to fit in with National Curriculum
- Covers key subjects such as Flight; Measurement; Electricity; Electro-Magnetism; Computer Programming and Levers & Gears
- Direct involvement with engineers, valuable role models and links with modern industry
- Sustainable activity
- Ideal for all levels of ability



Imagineers learn to use tools safely, design and build operational engineering models, test them... and have great fun!"



To find out more about the exciting and rewarding opportunities with Imagineering projects, go to:

www.imagineering.org.uk/clubs

or contact

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T: 074900 88051

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The Imagineering Foundation is an independent education charity introducing young people to the exciting world of science, engineering and technology through fun, hands-on activities and personal involvement. It is a highly successful initiative with a proven track record for sustainability and quality. It is designed to develop and hold young people's interest and influence them in a positive way to make informed choices about the subjects they study and the career path they ultimately choose.

Disclaimer: The information in this brochure is correct at the time of printing. The Imagineering Foundation reserves the right to vary or cancel any events or activities and parts thereof at any time and cannot be held liable for variations in the content of the event/activity.

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www.imagineering.org.uk



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