

Curriculum-linked after-school clubs for Key Stages 2 & 3

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

**Fun, Inspiring
Practical
Learning**



After-school clubs aimed at 9 - 13 year olds

Pupils are introduced to the exciting world of engineering whilst having fun making a series of working engineering projects from kits using simple tools. They also learn the engineering and science principles behind these projects – which, when complete, they take home to share with their families and keep.

Typically each Club

- will have 12 children; girls and boys; mixed skills and backgrounds
- will be led by a volunteer engineer (with full DBS) and/or teacher/teaching assistant
- will always have a teacher present
- may have additional volunteers eg: parents

How does it work?

- Clubs run for an hour a week throughout school year
- Fun friendly learning environment
- Each session starts with key principles
- Safety is paramount and use of tools carefully managed
- Most projects are completed in 2-4 weeks
- Projects become progressively more advanced through the year
- More advanced 'Inter-engineering' projects for 13 year olds include Hydraulic Arm, Wind Turbine, Bridge project; Robot

Imagineering provides

- Termly packs of project kits to the schools
- Illustrated instructions and worksheets for each kit
- Comprehensive tutor notes and support material
- A list of recommended tools available at discount

Projects include

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

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*...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”*

Imagineering®

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
- Valuable role models and 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 and links with modern industry including engineering facility visits
- Sustainable activity
- Ideal for all levels of ability

How much does it cost?

Apart from a one-off charge for a special toolbox – the cost equates to around £2.50 per pupil per week through the academic year



To find out more about these exciting and rewarding Clubs, go to:

www.imagineering.org.uk/clubs

or contact

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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.



Administration of Imagineering Clubs and distribution of projects is undertaken by HME Technology Ltd, Bromsgrove.

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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