

# Wonder Workshops

Bring STEM to Life

[www.wonderworkshops.co.uk](http://www.wonderworkshops.co.uk)



## Fun Physics, Chemistry and Engineering Challenges

We all know that there will be a huge shortfall of Engineers, Entrepreneurs and Technicians in the near future, so at Wonder Workshops we have set out to bring stimulating and challenging STEM based activities to KS2 and KS3 to engage students in engineering. We believe that these young people are not only keen to learn, but also very capable at taking that learning and using it to invent novel solutions. We map these STEM activities onto the National Curriculum, but not just in Science, but in History, Art, Music, Geography and many other areas. For more details on activities, available grants and prices, visit our website above.

Some of the topics we can offer

- ▶ Forces
- ▶ Electricity
- ▶ Chemical Reactions
- ▶ Sound
- ▶ Light
- ▶ Energy
- ▶ Design and Technology
- ▶ Materials

**Bespoke STEM Presentations**  
**Grant Application Assistance**

All activities are designed to encourage Teamwork, Resourcefulness, Resilience, Innovation, Understanding and Problem-solving

**Call Us 07966567770**



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Workshops for up to students 60 students are usually split into morning and afternoon sessions and tailored to fit each school's working day.

Workshops for up to students 30 students are usually split into morning and afternoon sessions with different but connected or applied topics being investigated in each of the sessions. eg Circuits in the morning followed by building cars or boats or lighting rigs and roundabout or bridges in the afternoon. These longer sessions can be customised to fit topics across the curriculum, such as building Andersen Shelters from recycled newspaper rods with a home made lighting circuit installed.

We also offer whole school STEM Events that can include Dry Ice Demos and activities for all years from Nursery to Y6 spread over several days.

We are also happy to work with MATs to deliver workshops across whole year groups in several schools.

We also provide activities for School Fairs, STEM Conferences, Music Festivals, Home Schooling, Virtual Schooling, Community Projects, Saturday STEM Clubs, KS2/3 Science CPD, Science and Careers Fairs and Parents Evenings. If you want a Science themed birthday we can even provide that too.

We have a YouTube Video channel to show you some cool STEM ideas and how to build a cardboard boat if you feel like going for a quick paddle around in your own home made cruiser.

If you have creative students, then we can help there too, with projects to investigate up-cycling, kinetic art and toy design.

We are keen to help students build confidence, become co-operative team builders, good communicators and risk taking innovators with the flexibility to adapt and the resilience to learn from failed projects and achieve a successful outcome.

All presenters have DBS with many years of experience working with children and are either science teachers or specialist scientists.

To find out about our latest workshop and to find out more about us, please visit our website and follow us on Twitter, Facebook and Instagram



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