

THE WONDERSTRUCK HOVERCRAFT WORKSHOP

AGE SUITABILITY: KS2 TO ADULT

UP TO 60 PARTICIPANTS

THE TASK

Pupils work in teams of three to build a prototype model hovercraft. They test the prototype to establish a benchmark performance and then are given access to a wide range of different components with which to improve the performance of their hovercraft.

The session ends with a competition to find the 'best' hovercraft.



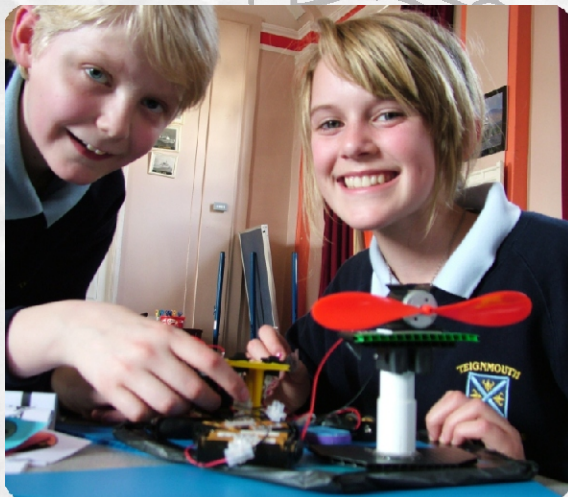
WORKSHOP FORMATS

We can deliver this workshop in a shortened 2-3 hour session for groups of up to 60.

For groups of up to 60 more able/older children we offer a day-long version that involves working with budgets, giving presentations along with the usual time trials and final big race off.

WORKSHOP REQUIREMENTS

To run the workshop we need a large space with a smooth (lino, parquet etc) flat floor. We can usually run the workshop with up to 60 KS2 or KS3 children in a reasonably sized school hall. Older children and adults will require a bit more space!



THE SCIENCE

The main STEM topics covered in this workshop are:

- Forces
- Newton's Laws of Motion
- Friction
- Simple circuits
- Speed, time & distance

This workshop also covers aspects of experimental data collection and processing (taking multiple readings, averaging, fair tests etc) and more holistic skills such as team working, communication, practical building and investigation etc.

CONTACT US

If you've got a question or would like to make a booking you can contact us on:

T: 0845 5193 325

E: enquiries@wonderstruck.co.uk

 [FACEBOOK.COM/WONDERSTRUCKWOW](https://www.facebook.com/WONDERSTRUCKWOW)

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