

**WONDERSTRUCK PRESENTS...**

# **BANG! THE SCIENCE OF MOVIE FX**

**AGE SUITABILITY: KS1 TO ADULT**

**THE SHOW** Ever wondered how they create those amazing explosions in the movies? A lot of the time it's actually more complicated than setting off a real explosion!

In BANG! Peter & James attempt to shed some light on how it's done. Through the show we explore smoke effects, blast effects and, of course, fire effects - with plenty of humour and science along the way.

Demos include our teddy bear car explosion, giant propane mortars (outdoor only but we have smaller ones for indoors) and, of course, our Exploding Shed of Science!



**SHOW REQUIREMENTS** We usually perform our shows in halls or sports halls as we need at least 3 metres floor to ceiling height. The performance space needs to be approximately 5 metres wide and 4 metres deep with a 3 metre safety space between that and the audience. **Any smoke alarms or heat detectors in the hall or adjoining areas into which smoke might drift must be disabled for the duration of the show.**

This show can be performed outside but will require staging and a PA and is weather dependent unless you have a covered stage. Outdoor performance allows us to bring along some bigger effects!

**THE SCIENCE** The STEM content of the show is wide ranging, but the main topics covered are:

- Forces
- Pressure
- Combustion
- Applications of science

We can differentiate content according to age group and the show is just as frequently presented to KS1 pupils as to KS3 students.

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

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E: [enquiries@wonderstruck.co.uk](mailto:enquiries@wonderstruck.co.uk)



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