

Wonderstruck Presents...

BANG!

The science of movie fx

What's it about?

Ever wondered how they make those big explosions in action movies?

Quite often it's more complicated than setting off a real explosion. BANG! explores 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.

Who's it for?

Anyone!

In schools we can run the show for KS1 age groups up to post-16, differentiating the language & content appropriately.

It's also an exciting family show for festivals and public events.



WONDERSTRUCK
SCIENCE ON FIRE



'What an incredible show!

The students had the best time and learned plenty of science along the way.'

KS3 Science Teacher

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.

Duration

For schools, we typically run a one hour show with a maximum of two shows in a day (there's a lot of resetting to do!)

For festivals and public events we can run 30 minute versions of the show with a tighter turn around time.



www.wonderstruck.co.uk

T: 0845 5193 325

E: enquiries@wonderstruck.co.uk

 facebook.com/wonderstruckwow

 youtube.com/wonderstruckwow

Wonderstruck Ltd. Brandize Hill Farm, Petrockstowe, Devon. EX20 3HW.
Registered in England 657 7857 | VAT Registration Number 883 3214 22

WOW!!
KS2 Pupil