

The Wonderstruck 'Just For Christmas'...

Rocket-Powered Elf/Reindeer/Santa Workshop

What happens?

Participants work individually or in small teams to build their own rocket-powered elf, reindeer or Santa Claus! When they're ready we launch them from our specially built compressed air launchers.

Who's it for?

Year R all the way to adult!

How many can take part?

The only limit is the space you have available for launching. With access to a standard school football pitch we can run this activity with up to 2-300 participants.

Workshop requirements

We need a space suitable for the number of participants to undertake a practical activity. For larger groups we will usually split into a number of separate classrooms for the rocket construction. For launching we will need access to a large outdoor space, preferably as far from roads etc as possible.



WONDERSTRUCK
SCIENCE ON FIRE



'Our rocket travelled 90 metres...

I couldn't even see how high it went!

KS2 Pupil

Workshop format

With so many children to visit on Christmas Eve Santa needs a way to speed things up a bit. The answer? Rocket power, of course!

After our Christmassy introduction to rocket science, participants can work individually or in small teams to build their own rocket-powered elf, Santa or reindeer. Once they're done we go outside and launch them from our awesome tinselled-up launchers. All elves, Santas and reindeer can be taken home and we supply all the parts!

We'll even supply a little prize for the one that goes the furthest.

The science (yes, even at Christmas!)

The STEM topics covered in this workshop are:

- Forces
- Aerodynamics
- Newton's Laws of Motion

We can differentiate content for participants from KS1 to adult!

Mix & match

This workshop makes an ideal follow on activity for our spectacular Rocket Show.

Duration

Exact workshop duration depends on the number and age of participants but it's typically somewhere about the two hour mark.



'I love the way that the science can be as simple or in-depth as you like.'

Great presenters!'

KS3 Teacher

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