

Science, Sound & Singing At Wells Cathedral

Wednesday 11th February, 10m-2pm

An exciting **programmed day** for **Year 5 to Year 9 pupils**
exploring links between music and STEM subjects.

Learn about the physics behind pumps, valves and air pressure while working as a team to play tunes on 'Woofyt' – the wooden one-octave organ for young technologists. See Woofyt in action [here](#)

'Although music can seem like a world apart from science, technology and engineering, there are lots of connections to be explored. The WOOFYT makes these connections visible and audible, linking music in a simple and direct way with the physics of fluids and the technology of pumps and valves.' (Participating teacher)

Playing the instrument was very fun and fascinating! (Y6 pupil)



The WOOFYT schools' workshop:

- Explores how pumps and valves work to create and control air flow and pressure;
- Offers an engaging, hands-on experience;
- Develops teamwork;
- Is inclusive of pupils with special needs;
- Develops understanding of rhythm and pitch.

The programmed day includes:

- A WOOFYT workshop
- A tour of Wells Cathedral
- A singing workshop with a member of the Cathedral's specialist music department
- Lunch space and secure storage for bags and coats

Timings: The day will begin promptly at 10am with activities finishing at 2pm.

Cost: £5.50 per pupil (including VAT) with no charge for pupil premium pupils or for accompanying adults.

Booking: Spaces are limited and will be offered on a first come first served basis. Please contact education@wellscathedral.org.uk or phone 01749 673809 if you would like to book.

