



## Surprising Sounds

*Its good vibrations that make sound – and this workshop provides direct hands on experiments to prove it!*

Surprising Sounds workshop covers a lot of science – in a way that children really understand. Here are just some of the tests we do during the workshop:

- Identify how sounds are made. We link them with vibrations. Then we experiment with how vibrations translate into sound in our ears.
- Find patterns between the pitch of a sound and features of the object that produced it. Children discover patterns between the volume of a sound and the strength of the vibrations that produced it
- Recognise that sounds get fainter as the distance from the sound source increase

Your children will undertake a range of scientific investigations and experiments across all of the National Curriculum topics.

We find out about animal's hearing and ultrasound and how we can detect the direction of sound.

### WORKSHOP DURATION

**1hr**

### YEAR(S)

**KS1**

**KS2**

### MAX GROUP SIZE

**30**

