

Product Information Sheet

Sound and Resonance Kit



Our range of science experiment kits will equip you with all you need to carry out each of the practical experiments included in your LJ Create science program.

The kits can be used for teacher demonstration, individual student, or group activities.

Each of the experimental kits are provided in a labelled storage box to allow for easy identification and selection during classroom activities.

Our range of science kits are also supplied with an inventory reference sheets to provide simple resource management and replenishment of any consumable items.

A range of items are supplied in order to carry out the scientific hands-on learning tasks, each item is conveniently contained within a durable vacuum formed box insert.

This kit comprises specialist equipment for the investigation of sound and resonance. Some tasks require data logging equipment with sound sensors. The oscillating platform provided shows the relationship between the material dimensions and its resonant frequency.

The kit also includes a Doppler ball which can be used to demonstrate the Doppler Effect as the ball is spun around on string.

Typical Practical Tasks Include:

- Acoustic Waves
- Doppler Effect
- Resonance

Items Included:

- Oscillating Platform
- Oscillating Strip Samples
- Power Supply
- Plastic Frame Construction
- Rubber Bands
- Doppler Ball
- String
- Storage Box
- Inventory Sheet

Other Items Required:

- LJ Create Science Content and Computer
- Data logging Equipment

General Information:

Packed Volume: Approx. 0.0185 m³
Packed Weight: Approx. 1.9 kg

Order Code: 511-04

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For more information visit www.ljcreate.com