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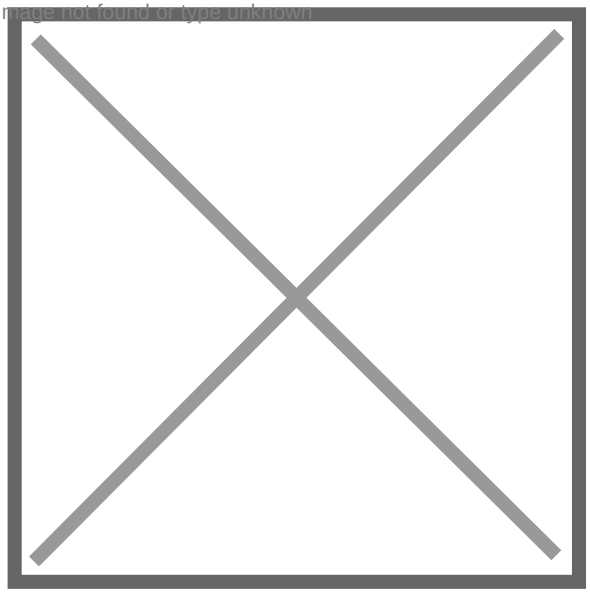
Product Name :

Mini Science Kit – Changing Sounds

Product Code :

SLE/CH/155

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Description :

Mini Science Kit – Changing Sounds (Product Code: SLE/CH/155) is a topic kit forinvestigating how sounds are made, how they travel and how they can be changed. Its activitieslead pupils from making their first sounds to measuring vibrations, exploring pitch and finding outwhich material muffles sound most effectively. Made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, it is one of its focused science kits for students in India and turns the sound topic into a series of short, practical investigations.

Key Details

Parameter	Detail
Type	Mini science kit (topic kit)
Topic	Sound – making, transmitting and changing sounds
Activities	Seven activities, listed below
Concepts covered	Vibration, sound travelling through materials, pitch, sound insulation (muffling)
Suitable for	Classroom or small-group investigations on sound

Activities performed with this kit:

- Making sounds
- Watching sound travel
- Which material can sound travel through?
- What is pitch?
- Measuring vibrations
- Investigating pitch
- Which material is most effective for muffling sound?

Typical Use

The activities follow a natural teaching order. Pupils begin by producing sounds and noticing that something always vibrates when a sound is made. They then watch sound travel and test whether it passes through different materials, before turning to pitch – first asking what pitch is, then investigating how changing a vibrating object changes the note. The measuring-vibrations activity links what pupils hear to what they can observe, which helps younger learners connect the idea of a vibration with the sound itself.

The muffling investigation makes a good end-of-topic fair test: keep the sound source, distance and listener the same and change only the material around the source. Run it in the quietest part of the room and let each group record its results in a simple table. Used this way, the kit works as an introductory sound wave experiment kit that builds prediction, observation and fair-testing skills alongside the science of sound.

Manufacturer

Jain S
Harya
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