



Tuning forks - KS2 Challenge Sheet

What is sound? Where does it come from? How does it travel? Using tuning forks and lots of everyday items we'll try to answer these questions – and others. What is an echo? How can sound change? How do we hear?

Educational objective

To give children a clearer understanding of sound - what it is and how it behaves.

Approach

Whole class introduction and practical experiences. The children will be involved in demonstrating and exploring many aspects of sound: how we hear, creating sound, sound travelling and changing sound

Specific skills to be developed

Science - sound



Cross-curricular links

Science and music

Ideas for extension activities

Making instruments for use in a performance. Research sounds in nature such as dogs barking, whales etc

Equipment we will provide:

articles for making sounds

tuning forks

boxes of K'NEX

chimebar sets

Subject skills / Desirable outcomes

Sound

Experimental & investigative science

Life skills

Innovation skills

Problem-solving skills

Team working skills

Communication skills

Investigation skills