



Tuning forks - KS1 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 explore recognising, making and changing sound. Group activity with pairs of children given the task of making a chime bar stand using K'NEX, then using it to make different sounds.

Specific skills to be developed

Science-sound



Cross-curricular links

Science and music

Ideas for extension activities

A sound trail around the school or neighbourhood - types and sources of sound. Make instruments.

Equipment we will provide:

boxes of K'NEX
articles for making sounds
tuning forks
chimebar sets
guess the sounds box

Subject skills / Desirable outcomes

Sound
Experimental & investigative science

Life skills

Innovation skills
Problem-solving skills
Team working skills
Communication skills
Investigation skills