Sound

Knowledge

Living Things and their Habitats

identify how sounds are made, associating some of them with something vibrating

recognise that vibrations from sounds travel through a medium to the ear

find patterns between the pitch of a sound and features of the object that produced it

find 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 increases

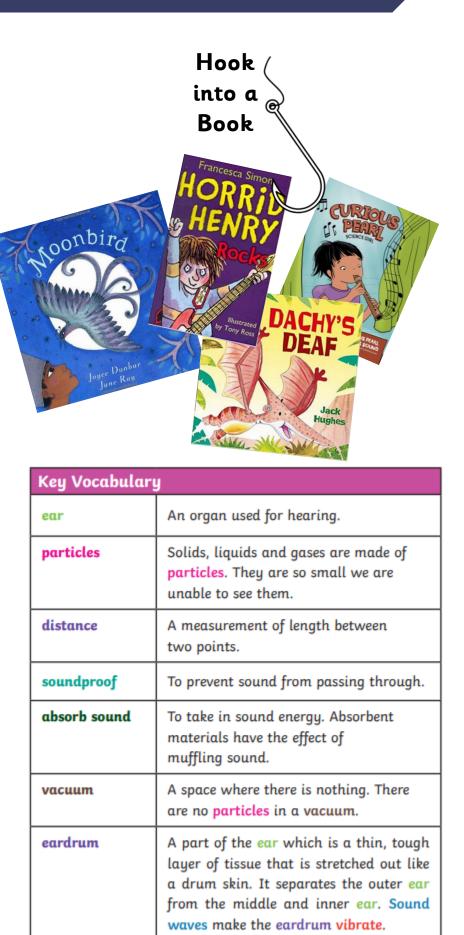
Working Scientifically

Find patterns in the sounds that are made by different objects such as saucepan lids of different sizes or elastic bands of different thicknesses.

Make earmuffs from a variety of different materials to investigate which provides the best insulation against sound.

Make and play their own instruments by using what they have found out about pitch and volume.

Key Vocabulary	
vibration	A quick movement back and forth.
sound wave	Vibrations travelling from a sound source.
volume	The loudness of a sound.
amplitude	The size of a vibration . A larger amplitude = a louder sound.
pitch	How low or high a sound is.



1

Activate Prior Knowledge

• Use all their senses in hands-on exploration of natural materials. • Describe what they see, hear and feel while they are outside. Listen with increased attention to sounds.

• Listen attentively, move to and talk about music, expressing their feelings and response.

KS1

• Animals including humans Body parts and senses

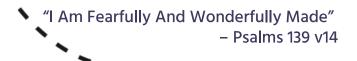
KS2

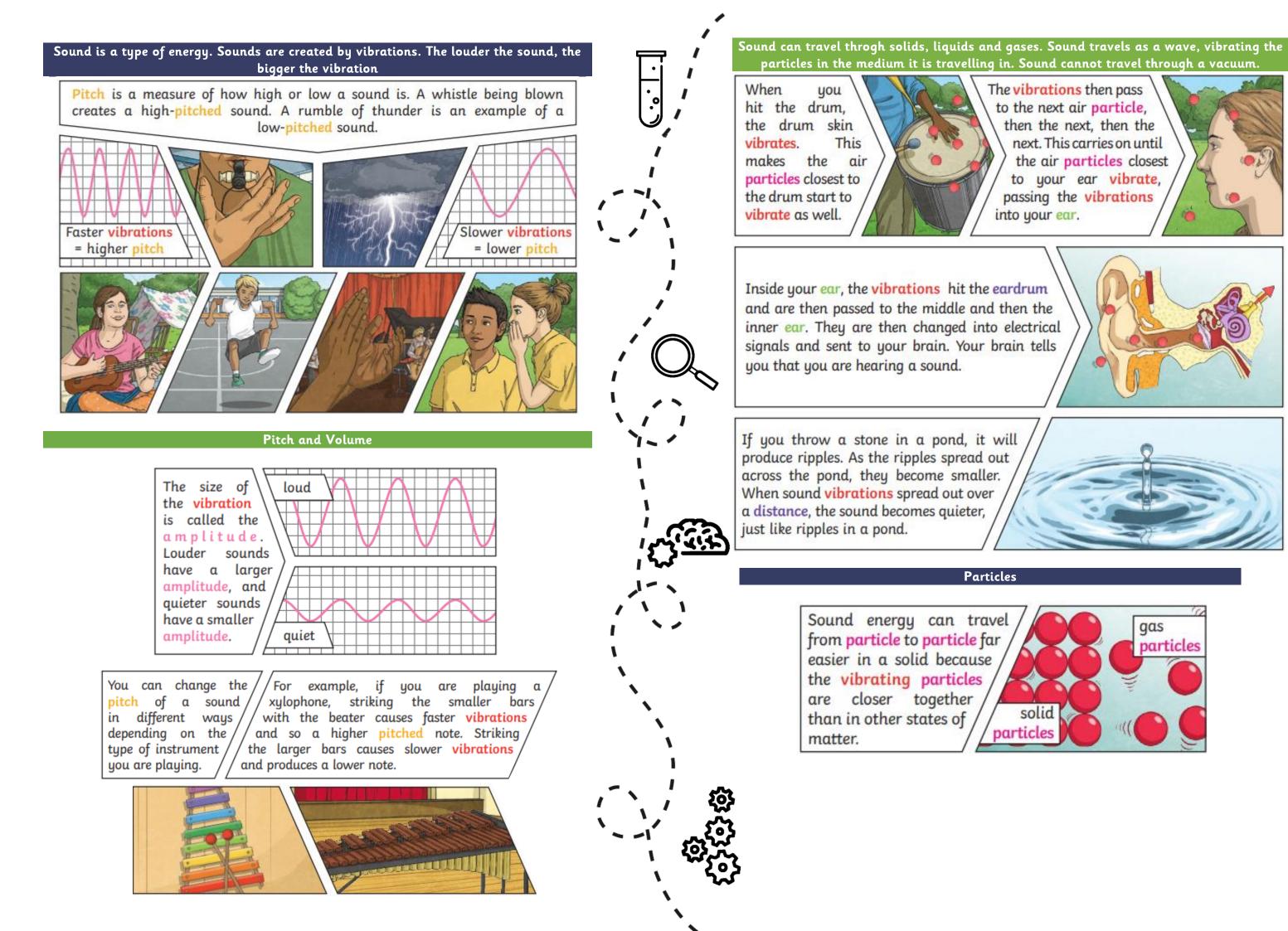
Properties of Materials States of Matter Solids, liquids and gases





of each individual





particles in the medium it is travelling in. Sound cannot travel through a vacuum.

