

Chacewater School – LEAP into Learning

KNOWLEDGE ORGANISER – Spring 2 Bur Oaks



On this page you will find the key knowledge and information that we hope the children will gather and retain as part of this curriculum theme. It deliberately combines pictures and words and will also be used by children to help move knowledge to their long-term memory.

What I might already know:

- Humans and animals have senses.
- Humans can hear using our ears.
- A sound can be loud or quiet.

Scientific vocabulary:

- Volume, speaker, sound, travel
- Vibration, vibrate sound wave, pitch, sound source, echo, tune, insulator, conductor,
- Strength of vibration, reflection of sound

Key questions:

- How are sounds made?
- How do we hear sounds?
- What happens to the volume of a sound as we get further away from the source?
- How do we change a sound's volume?
- How do we change a sound's pitch?

Key Knowledge:

- Sound is created when something vibrates
- We hear a sound when waves of energy (vibrations) travel to the ear.
- Sounds are fainter the further you get from the sound source.
- The stronger the vibrations, the louder the sound.
- Pitch (high or low) depends on the speed of the vibrations.

