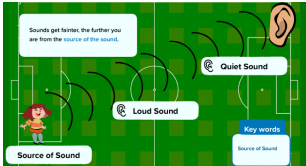
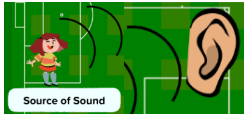
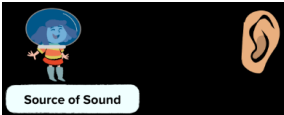
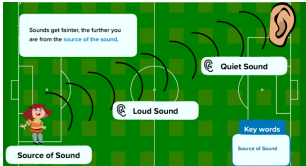
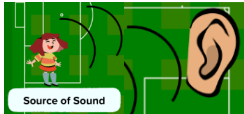
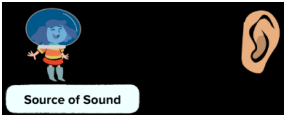
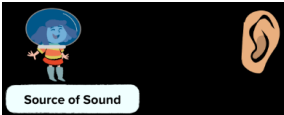
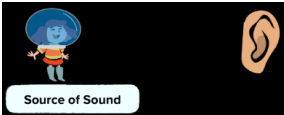
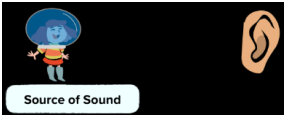
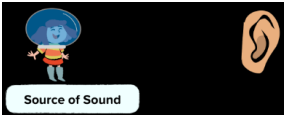
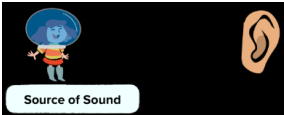
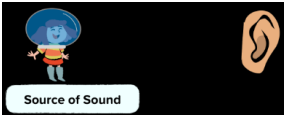
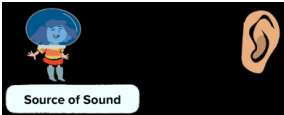
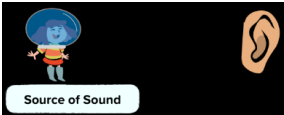
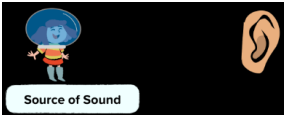
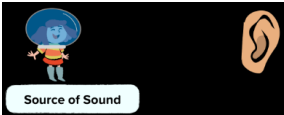
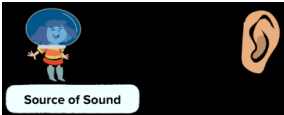
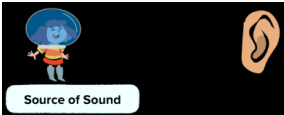
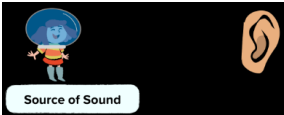
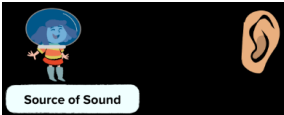
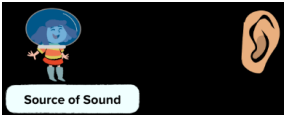
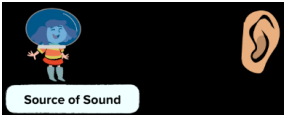
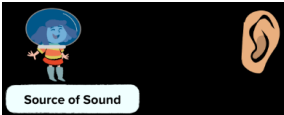
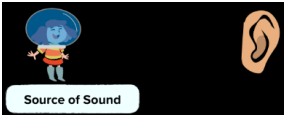
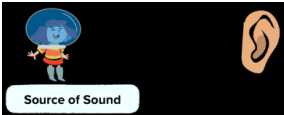
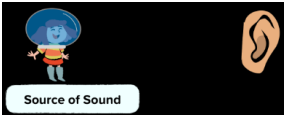
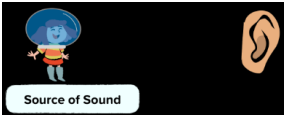
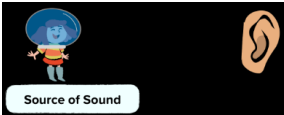
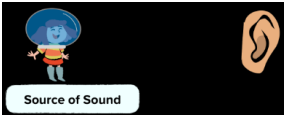
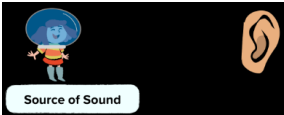
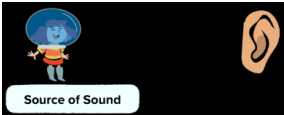
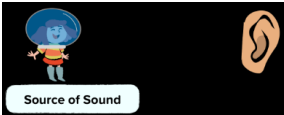
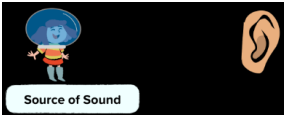
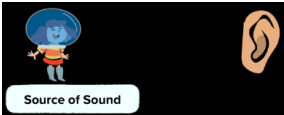
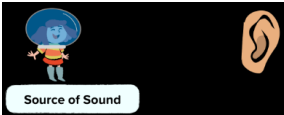
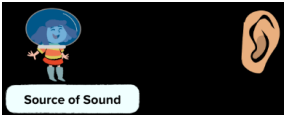
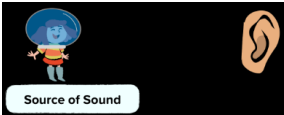
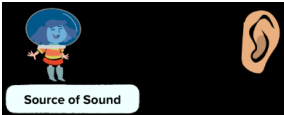
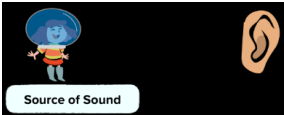
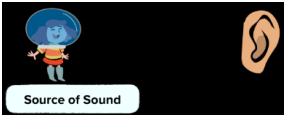
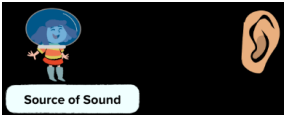
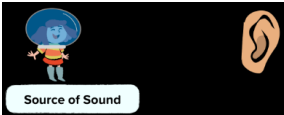
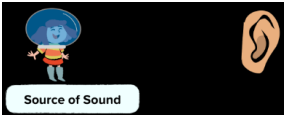
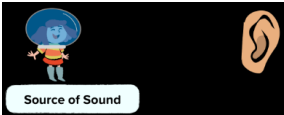
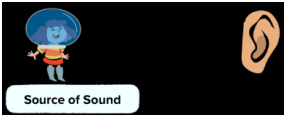
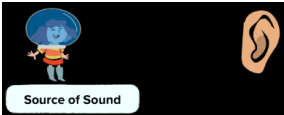
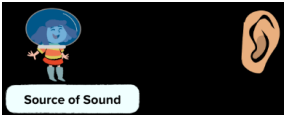




Year 4 – Autumn 2 – Science – Pupil Knowledge Organiser

WHAT DO I ALREADY KNOW?		WHAT AM I LEARNING NOW?	
- All living things undertake seven main processes (MRS GREN). - Sensitivity is one of the main processes. - Sensitivity means to sense and respond to changes in the environment. - There are five main senses, each linked with a different body part. - We use our ears to hear.		- How are sounds made? - How do we hear? - Why might sounds get quieter? - Why else might sounds get quieter? - What impacts the pitch of a sound? - What impacts the volume of a sound?	
KEY KNOWLEDGE: SOUND		KEY SKILLS: WORKING SCIENTIFICALLY	KEY VOCABULARY
 Objects that vibrate create sound waves that travel through a medium to our ears.  Sound waves spread out in all directions from their source.  Sound waves are collected by the ears, and the brain interprets them as sound.  Since sound needs a medium to travel through, sound cannot travel in space as there is no air.  As sound waves travel, they lose energy and spread over a larger area.  When the distance from the source increases, fewer sound waves reach our ears.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.  The farther you are from the sound source, the fainter the sound becomes.			