











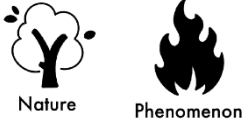


Sound Year 1

Science Concepts	 Nature Knowing about the natural world	 Phenomenon Observing facts and events	 The Real World Knowing about scientists and science in our everyday lives
National Curriculum	<ul style="list-style-type: none"> Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense 		<ul style="list-style-type: none"> Observing and measuring Using equipment
Common Misconceptions	<ul style="list-style-type: none"> Sound cannot pass through materials Sounds seep through small gaps in a door/wall and that is why we can hear them Sound only goes to those who are listening Before a sound can be heard, the listener must concentrate on it first Sound is inside a musical instrument waiting to be let out when it is played Sound only travels directly from the source to the listener and nowhere else 		
Safety	<ul style="list-style-type: none"> Warn children it is dangerous to put objects into their ears (unless specially designed e.g. earplugs) Children should be warned that loud sounds including loud music can damage the ear 		

Lesson	Learning Intention	Concept
1. What are the five senses? (NOA)	<ul style="list-style-type: none"> The body part associated with each sense Recording the sounds you can hear 	 The Real World
2. What is sound? (NOA)	<ul style="list-style-type: none"> Definition of sound Ordering sounds from quietest to loudest 	 Phenomenon
3. How can we describe sound?	<ul style="list-style-type: none"> There are many ways of describing sounds 	 The Real World
4. How do we hear? (NOA)	<ul style="list-style-type: none"> How we hear Causes of deafness Examples of sign language 	 The Real World
5. How do we look after our ears? (NOA)	<ul style="list-style-type: none"> The zones of the ear How to look after each zone e.g. cleaning, protecting from loud volumes 	 The Real World
6. How can we describe the pitch of sounds? (NOA)	<ul style="list-style-type: none"> Difference between high and low pitch sounds Identifying high and low pitch sounds 	 Phenomenon
7. How can we make and describe different sounds? (NOA)	<ul style="list-style-type: none"> Describing sounds based on volume and pitch Grouping sounds based on volume and pitch Making a range of sounds 	 The Real World
8. How can we sort sounds?	<ul style="list-style-type: none"> There are many different ways to make sounds Present results and interpret these 	 The Real World
9. How can we stop sound?	<ul style="list-style-type: none"> Turn ideas about hearing into questions that can be tested Make and record observations and present them in drawings and writing 	 The Real World

10. Review	Complete end of unit quiz. Return to cover page and identify any misconceptions they may have had at the beginning of the unit, or add anything further to the question.	
Seasonal Change <ul style="list-style-type: none"> • Observe changes across the four seasons • Observe and describe weather associated with the seasons and how day length varies • Observation • Recording results 		
11. How can you measure rainfall?	<ul style="list-style-type: none"> • Defining a liquid • Making a rain gauge 	
12. How do seasons change?	<ul style="list-style-type: none"> • Describing the appearance of trees • Linking the months of the year to seasons • Identifying changes in temperature • Identifying changes in amount of day light 	