

Science Assessment Grid : Changing Sound : Year 4

Changing Sound																			
Group: <input type="text"/>		Year: <input type="text"/>		Term: <input type="text"/>															
Science																			
Lesson 1	Do children know that sounds are made when objects or materials vibrate?																		
	Can children make careful observations?																		
	Can children draw conclusions about sounds from their observations?																		
Lesson 2	Do children know that vibrations from sound sources travel through different materials to the ear?																		
	Do children know sound can travel through solids, liquids and gases?																		
	Do children know that some materials allow sound to pass through them more easily than others?																		
Lesson 3	Do children know that sounds get fainter as the distance from the sound source increases?																		
	Can children carry out an investigation to explore what happens to sound as it gets further away?																		
	Can children draw conclusions and describe what they have found out?																		
Lesson 4	Can children name some of the reasons why preventing sound to travel is sometimes important?																		
	Can children plan a test to measure how well different materials muffle sound?																		
	Can children draw conclusions about which materials muffle sound the best?																		
Lesson 5	Do children know that the term 'pitch' describes how high or low a sound is?																		
	Can children recognise changes in pitch and identify high and low notes?																		
	Can children investigate different instruments and make generalisations about pitch?																		
Lesson 6	Do children know that the pitch of a stringed instrument depends on the length, thickness and tightness of the string?																		
	Can children suggest ways of testing what happens to the pitch of a string when you alter the length, tightness and thickness?																		
	Can children draw conclusions from their observations?																		
Lesson 7	Do children know that sounds can be made by air vibrating?																		
	Can children suggest ways to change the pitch of a sound made by air?																		
	Can children describe how to change the length of the air column vibrating to change pitch?																		