



Topic: Our senses	Primary 3/4 Age 6-8 years	Activity title: Exploring sound
Science skill focus Predicting	Curriculum link: Movement and Energy Sounds are made by movements such as plucking, striking and blowing (ME3)	





Activity

Children explore different ways to make sounds using simple equipment.

A [lesson plan](#) for a similar activity can be found on the PSTT [website](#) at www.pstt.org.uk.

Example from Primary 4 (age 7-8)

Children were asked to explore a range of simple sound activities: twang a ruler, blow over the top of a bottle, pluck elastic bands and release air from a balloon. They recorded their predictions and observations on a pre-printed table.

Sound Investigations			
Station 1 	What happens when a ruler is plucked?		How can we change the sound made?
	Prediction	What happened	
Ruler	make a bang noise	it vibrates and makes a low sound	change the length of the ruler ✓
Station 2 	What happens when air is blown over the top of a bottle?		How can we change the sound made?
	Prediction	What happened	
Bottle & Water	low low sound	the air vibrates in the bottle	if you add water the note gets higher ✓
Station 3 	What happens when we pluck an elastic band?		How can we change the sound made?
	Prediction	What happened	
Elastic bands	it will make a guitar noise	it sounds like a guitar	add smaller bands and bigger bands ✓
Station 4 	What happens when air is released from a balloon?		How can we change the sound made?
	Prediction	What happened	
Balloon	it will make a squeaky noise	it does squeak	open the neck more ✓

Children meeting the objective would make and test their predictions.

Example from Ballyclare Primary School, Co. Antrim

