

<b>Topic:</b> Sound	Year 4 Age 8-9	Title: String phone conclusions
<b>Working Scientifically Focus</b> <b>Review:</b> use results to draw simple conclusions		<b>Concept context</b> recognise that vibrations from sounds travel through a medium to the ear

**Example**

Children were asked to make and explore string telephones (see [TAPS lesson plan](#)). They were then asked to explain which phone worked the best and why.

the short string worked better because it makes it easier to hear. The big pots workes better because ~~it is~~ louder.

my best phone was the small pots with the two side string in between because the pots fit over your mouth and traps the air and the string vibrates more.

I think the small phone was best because the little cup fitted around my ear more than the big pots and the smaller, thinner string vibrated more and a better noise came out and using a small

Children meeting the objective would be able to draw on their experience with the string telephones to explain which worked best, providing a reason, for example, linked to the size or position of the cups, or the vibration of the string or air.

Example from Seaton Primary, Devon