

Science – Year 3/4A Summer 2

Sound

Sounds Spectacular

Session 1

Resource Pack

We can investigate how different sounds are made

Names:

Our Bank of Favourite Sounds

Items used	Description of Sound <i>Choose a word or group of words to describe the sound, e.g. tap, scrape, thud, rattle, clutter, thump, crash</i>	How is the sound is made?
<i>pencil</i>	<i>Light rattle</i>	<i>Rolling it on a hard surface</i>

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Items used	Description of Sound <i>Choose a word or group of words to describe the sound, e.g. tap, scrape, thud, rattle, clutter, thump, crash</i>	How is the sound is made?	Can you vary the sound? How?
<i>pencil</i>	<i>Light rattle</i>	<i>Rolling it on a hard surface</i>	<i>Rolling it down a steep slope (a book) makes it louder</i>

Session 1 Teachers' Notes

Adapting the session for children with additional needs

If you have any children with a hearing impairment you may need to consider how to make the session as inclusive as possible. It may be that certain frequencies are detected more easily than others and you may be able to find instruments or objects that are compatible with this. Using an additional adult and a quieter space to conduct the investigation will also be advantageous.

It is also likely that you may have pupils who display an aversion to loud and sudden noises. If so, consider implementing some of the following to help reduce the risk of any distress:

- Talk to children about the fact that the classroom may well get rather noisy for a while when everyone is investigating sound. Anxiety is often reduced by being warned what to expect.
- Put the noisiest equipment, e.g. saucepans and lids, into an outdoor space if you have one so the classroom remains a quieter zone. If you have other zones/areas, try to spread the equipment out to reduce the impact of all the sound in one place.
- Use an extra adult if you have one to take noise averse children to a separate space to do their research.
- Do not use very noisy equipment if anyone has an extreme aversion. You can make the same investigations and discoveries with quieter sounds.