

## Week 9: Topic Activities




Science

LO: To understand which materials are better at muffling sounds.

What does ‘muffle’ mean?

To cover or wrap up (a source of sound) to reduce its loudness.

You are going to take part in an experiment to help me find a material that is good for muffling the sound of Justin Bieber’s annoyingly loud voice and instruments! (He lives next door to me!)



You need to test 4 different materials.

You will complete a table as below:

Material used to muffle sound	My prediction	What happened
My fingers	I predict that my fingers won't muffle the sound of my sibling or parents voice at all because they are small and skinny.	My fingers did muffle some of the sound. My sibling/parents voice was quieter when I used my fingers to muffle the sound.

Before you start you need to think about what will stay the same and what will change.

- The sound made must be the same every time.
- The person muffling the sound must stand in the same place every time. You will be covering your ears with the material.
- The person with the instrument must stand in the same place every time.
- The material to muffle the sound will change each time.

	<p>You also need to make predictions for each material before you start. A table to complete can be found in the resources. Which material do you think will muffle the sound the best?</p> <p>Now test 4 materials – e.g. paper, cotton, cloth, foil, newspaper,</p> <p>What did you find?</p>
Topic	<p><u>LO: To research a chosen insect or animal.</u></p> <div data-bbox="678 622 1129 929" data-label="Image"> </div> <p>Last week you should have hopefully had an opportunity to go outside in your garden or local park to spot some insects/animals, and to draw one.</p> <p>Now that you have done this, next we want you to do some research on your chosen insect or animal. You can find out information such as:</p> <p>What do they eat?</p> <p>What is their usual habitat?</p> <p>Do you only see them in certain seasons?</p> <p>What is their life cycle?</p> <p>Any fun or interesting facts?</p> <p>This information can be found in books and/or on the internet.</p>

