



**Year 4 Science -Term 3 Week 9 Lesson 1**

LO: To experiment and find the best sound proofing material.

The band are waiting to hear your suggestions! Use your results to choose the best material for soundproofing their studio. Write a letter to the band explaining your choice. Think of your own name for the band.

Dear

I have tested several different materials and my results show that the one you should use to soundproof your studio is \_\_\_\_\_

It was the best material because \_\_\_\_\_

Yours sincerely, \_\_\_\_\_

Use these words to help you write your letter:

sound

## vibrations

absorb

hard

*solid*

energi

through

soft

air

### Materials examples that we have tested:

## Cardboard

## Plastic

## Sponge (foam)