

Planning Sheet

Make a plan

How will you carry out the investigation?

Make notes or draw a diagram



Recording results

Draw a results table here.

Make sure it's fair

Which one factor will you change each time? (For example, the type of material, the number of layers, the area of the material)

Check your resources

What will you need for your investigation?

Make a prediction

Which do you think will work best?

Explain your reasons.

Why?

Sound Proofing Investigation - What is the best material to muffle a sound?

Equipment needed	
Method (how will we investigate the question). Draw a picture and write a brief explanation.	
These factors will be kept the same (fair test)	
Prediction (which material do you think will be the best? Why?)	
Results Draw a result table here	<p>1. We found that the</p> <p>_____</p> <p>_____</p> <p>was the best at muffling the sound.</p> <p>2. We found that the</p> <p>_____</p> <p>_____</p> <p>was the worst at muffling the sound</p>
Evaluation	If I did this investigation again I would _____ _____
Conclusion	I would recommend that the musicians' children should have eardefenders made of _____ _____