

Science - Year 4

Sound – Block 4S

Listen Up!

Session 5

Resource Pack

Group Planning Sheet

Make a plan.

How will your group carry out the investigation? Make notes or draw a diagram



Recording results.

How will you record your results? Draw a results table on the back of this sheet.

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 (include a copy of your results table on the back of this sheet)	We found that the _____ was the best at muffling the sound. We found that the _____ was the worst at muffling the sound.
Evaluation	If I did this investigation again I would
Conclusion	I would recommend that the musicians' children should have ear defenders made of