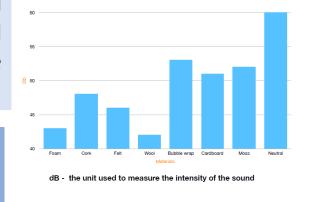
Year 4

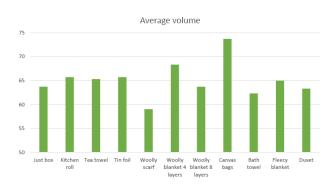


Year 4 were asked to find the best material to sound proof a recording studio. They had to test different materials and measure the sound that could be heard.

We chose the materials we wanted to test, downloaded a decibel meter app and got to work! We made predictions about which material we thought would be the best at sound proofing.



Graph of average decibels



Name of the product used	Average of decibel	Max decibel
Only Box	106	136
Newspaper	98	123
Wrapping paper	95	117
Cotton	93	108
Tin Foil	91	104
Sponge	84	100
Bubble Wrap	82	97

We presented our results using tables and graphs. Some of us made PowerPoints, some made posters and some produced videos!





My Predictions!









Material (in ascending order of sound proofing)

Kitchen Roll LEAST

Foam Sheet

Oling Film

Bubble wrap

Leather

Muslin

Aluminium Foil

