

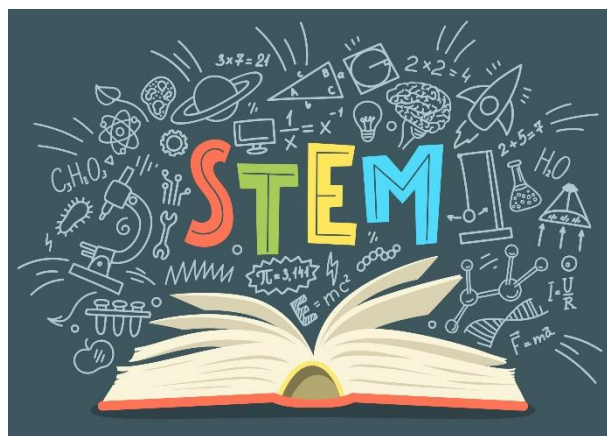
Year 4

STEM

Knowledge

By the end of this unit of study, pupils will be able to:

One	To investigate how sound travels in waves	
Two	To record how sound travels and how the volume changes	
Three	To investigate which materials are best for sound to travel through	
Four	To investigate which materials are best for muffling sounds	
Five	To investigate a range of soluble and insoluble materials	
Six	To test materials using fair testing	



Key Vocabulary

Observe, record,
compare, results, conclusion,
equipment, method, measure,
table, diagram, predict,
compare, soluble, insoluble

Key Learning

Ask relevant questions and use different types of scientific enquiries to answer

Set up simple practical enquiries, comparative and fair tests

Make systematic and careful observations and, where appropriate, take accurate measurements using standard units, using a range of equipment, including thermometers and data loggers and then record these clearly using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables