

# SCIENCE

**Welcome to the Science Super Curriculum. Below you'll find a whole host of things to do to stretch yourself beyond the classroom curriculum.**

In this month's Science Super Curriculum we delve into the fascinating world of sound! How is sound made? How can we hear sound? How can different instruments change the pitch of the sound they make? Finish off your discovery by making your own music using equipment as simple as bottles and water; you could even try to recreate the *Bottle Boys'* amazing *Star Wars* tune!

Read on to discover the amazing ways that we can bring creativity and music into Science.

## READ

Recap your knowledge of sound waves with this BBC Bitesize article:

[Sound Waves](#) - BBC Bitesize

Read about Robert Boyle's classic sound experiment:

[Explain that stuff: Sound](#) - explainthatstuff.com

## WATCH

Watch this video explaining the nature of sound waves:

[The Physics Classroom: Properties of Sound Waves](#) - YouTube

## LISTEN

Listen to a group of musicians using bottles and changing pitch to play well known songs:

[Bottle Boys: Star Wars](#) - YouTube

## DO

Have a go at this experiment which investigates how the volume of air inside an instrument affects its pitch:

[Experiment: Making music with bottles](#) - snexplores.org