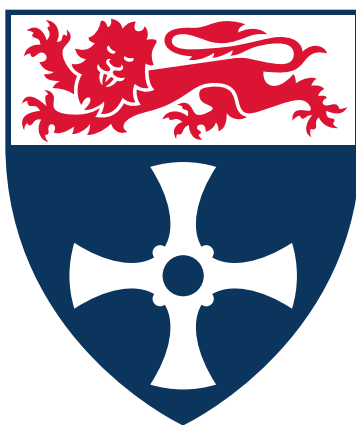


30 min

Suitable for:
KS3 +

Newcastle University

School of Maths, Stats, and Physics



DIY Membrane Flute

This activity works well alongside:

[DIY Slapaphone](#)

Build a wind instrument from PVC piping and a flexible membrane reed.

Prerequisites

Before starting this activity, participants should be familiar with:

- The concept of waves and standing waves. A recap is given.

Date→									
Equipment	Per Set	Out	In	Out	In	Out	In	Out	In
PVC Pipe, 32 mm by 376 mm	1								
PVC Pipe Tee, 40 mm	1								
O-Ring	1								
Balloon	1								
Plastic bag	1								
Scissors	1								
Tape, cable tie, or rubber bands	Some								