

# The Sound Factor



## Hear, hear!

KLAs: Science / Creative Arts	LESSON TOPIC: Sound
YEAR LEVEL: K-6	DURATION OF ACTIVITY: 45 minutes

The Sound Factor is a fun performance using theatre, comedy and audience participation to explore the physics of sound. Our presenter will take on a variety of characters to engage the students with concepts such as frequency and amplitude, how humans and animals hear and make sounds differently, and how different instruments create music! Audience participation and student volunteers bring interactivity into the performance and everyone will have a chance to take a closer look at the costumes and props after the show. Your school can book The Sound Factor for a whole group of Discoverers before or after your other Voyager activities, or as a stand-alone event.

## SYLLABUS LINKS

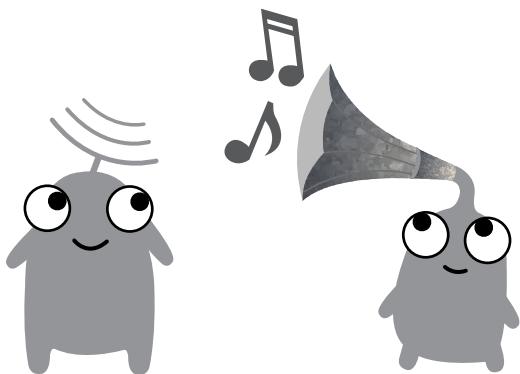
This activity aligns with and extends concepts and content within the K-6 Science and Technology, and Creative Arts (Music and Drama) syllabuses.

The science focus aligns with the Physical World and Living World strands.

## LEARNING OUTCOMES:

Students will:

- Develop their understanding of how humans hear and produce sounds
- Experience how wavelength, frequency and amplitude change the pitch and volume of sounds
- Explore how different animals use sound for survival and communication
- Help to demonstrate how various types of musical instruments produce sound



Curious? Learn more at [unediscoveryvoyager.org.au](http://unediscoveryvoyager.org.au)

## VOYAGER

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