

# SOUND

## INVESTIGATIONS

# -- TEACHER'S GUIDE --

The "Sound Investigations" series of science resources contains activities that will get your class thinking scientifically about the wonderful world of sound. These resources are a fantastic way to start off your topic on sound or to use as fun activities to get your students outdoors enjoying science. There are 3 separate resources that can be found by searching on [educateoutside.com](http://educateoutside.com)

### 1. What's that Sound?

For this activity your class will go outside on the hunt for sounds in the natural environment. They will listen carefully, record what they can hear, and think about how that sound is being created.

### 2. The Sound Quiz

In this investigation your class will go outside and try to create and record as many different sounds as they can. Your students should be encouraged to think about different pitches and volumes. They can then challenge their friends to see if they can work out what the sound is.

### 3. Eddie the Explorer

Your class will carry out a full investigation into which natural resources can be used to make the sound that will travel the furthest.

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INVESTIGATIONS 

## -- WHAT'S THAT SOUND? --

Walk around the school and complete the table with the sounds that you can hear.

SOUND	VOLUME (LOUD OR QUIET)	WHAT'S CREATING THE SOUND?

What was the highest pitched sound you heard?

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What was the loudest sound that you heard?

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INVESTIGATIONS 

## -- WHAT'S THAT SOUND? --

Walk around the school and complete the table with the sounds that you can hear.

SOUND	PITCH (HIGH OR LOW)	VOLUME	WHAT'S CREATING THE SOUND?

What was the highest pitched sound you heard?

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What was the loudest sound that you heard and why do you think it was that loud?

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