

<https://www.youtube.com/watch?v=HMxoHKwWmU8> – Video – How do we hear? (KidsHealth) 5:08

<http://kidshealth.org/en/kids/ears.html> -- Website - KidsHealth

[http://www.ducksters.com/science/hearing\\_and\\_the\\_ear.php](http://www.ducksters.com/science/hearing_and_the_ear.php) --- Website - Hearing and the Ear

<http://www.ducksters.com/science/sound101.php> - Website - Basics of Sound

<https://www.pebblego.com/modules/2/articles/2103> - Book - Sound PebbleGo

<https://www.biguniverse.com/app/library?term=sound&viewmode=grid> – Books – Big Universe

[http://www.sciencekidsathome.com/science\\_topics/what\\_is\\_sound.html](http://www.sciencekidsathome.com/science_topics/what_is_sound.html) - Website - Sound questions

<http://www.sciencekids.co.nz/sound.html> - Website - Sound for kids

<http://kids.nationalgeographic.com/explore/youtube-playlist-pages/youtube-playlist-sound/> - Video - Sound

<http://www.ducksters.com/musicforkids/guitar.php> - Website - Guitar

[http://www.ducksters.com/musicforkids/guitar\\_history.php](http://www.ducksters.com/musicforkids/guitar_history.php) - Website - History of Guitar

<https://wiki.kidzsearch.com/wiki/Guitar> - Website - Guitar

<https://wiki.kidzsearch.com/wiki/Drum> - Website - Drums

<http://www.normans.co.uk/blog/2014/09/interesting-facts-drums/> - Website – Drum Facts – Adult Website

<http://kidshealth.org/en/kids/hearing-impairment.html> - Website - KidsHealth - What is hearing Loss

<http://www.sheknows.com/parenting/articles/829453/fun-ways-to-teach-your-child-sign-language> - Website - Teach child sign language – Adult Website

<http://www.funkidslive.com/learn/waves/technology-using-sound-waves/> - Website – Technology using sound wave

<https://www.dkfindout.com/us/science/sound/> - Website – Sound

<http://www.scienceforkidsclub.com/sound.html> - Websites - Facts about Sound

## **Resources from WIKI**

### **Annotated TEACHING Resources:**

#### **Making a Xylophone**

<http://learningideasgradesk-8.blogspot.com/2011/02/make-percussion-instrument.html>

#### **Make a Guitar**

<http://learningideasgradesk-8.blogspot.com/2011/02/make-guitar.html>

#### **Animal Sounds**

<http://www.tlsbooks.com/soundsthatanimalsmake.pdf>

#### **The Science of Sound for Kids**

<http://www.sciencekids.co.nz/sound.html>

Explore the subject of music and sound for kids with a range of experiments, games, projects and videos.

#### **BioMusic**

<http://www.learnnc.org/lp/editions/biomusic/cover>

Biomusicology is the exciting area in science where music intertwines with biology. Your students will be fascinated by these lessons that cover the miracles of animal communication, the mechanics of sound, and their connections to the field of music. Two units of instruction are included.

#### **Wild Music**

<http://www.wildmusic.org/>

Experience the sounds and songs of life on Earth at this online website that accompanies a traveling installation.

#### **Sound Vibrations**

[http://www.pbslearningmedia.org/resource/phy03.sci.phys.howmove.lp\\_sound/sound-vibrations/](http://www.pbslearningmedia.org/resource/phy03.sci.phys.howmove.lp_sound/sound-vibrations/)

This lesson is designed to help students understand that vibrations are responsible for the sounds we hear. Additionally, they learn that sound vibrations can travel through different mediums.

#### **Waves: Light and Sound Primary unit**

<http://www.alvordschools.org/cms/lib8/CA01900929/Centricity/Domain/2616/1st%20Grade%20Teachers%20Guide%20Complete.pdf>

A unit encompassing both light and sound, teachers may find the lessons focused on sound useful.

### **Explore Sound**

<http://www.exploresound.org/>

Explore this site to learn about acoustics and scientists who study sound.

### **Neo K-12 Sound**

<http://www.neok12.com/Sound.htm>

A collection of short animations that explain sound and hearing.

### **Smart Exchange**

<http://exchange.smarttech.com/search.html>

A directory of Smart Board lessons that teachers can download and use.

### **Teachers Domain**

<http://www.teachersdomain.org/>

Free digital media for educational use.

## **Video Resources:**

### **Brain Pop Sound**

<https://jr.brainpop.com/science/energy/sound/preview.weml>

<https://educators.brainpop.com/lesson-plan/sound-background-information-for-teachers-and-parents/>

<https://educators.brainpop.com/lesson-plan/sound-activities-for-kids/?bp-jr-topic=sound>

### **Bill Nye Sound**

## **Interactivities**

<http://www.2learn.ca/kids/listSciG3.aspx?Type=44>

## **Text Resources:**

<http://quatr.us/physics/sound/>

<http://www.dkfindout.com/us/science/sound/how-are-sounds-created/>

[http://www.bbc.co.uk/bitesize/ks2/science/physical\\_processes/sound/read/1/](http://www.bbc.co.uk/bitesize/ks2/science/physical_processes/sound/read/1/)

<http://www.readworks.org/passages/how-see-sound>

[http://www.daviddarling.info/childrens\\_encyclopedia/sound\\_Chapter1.html](http://www.daviddarling.info/childrens_encyclopedia/sound_Chapter1.html)

<http://www.scienceforkidsclub.com/sound.html>