

Simplify Science™

Guided Notes

Sound



Teacher Directions

Guided Notes

Using these guided notes booklets during the lesson slide deck promotes engagement and allows students to focus on key concepts.

Standards

1-PS4-1: Plan and conduct investigations to provide evidence that vibrating materials can make sound and that sound can make materials vibrate.

Vocabulary

- sound: *what we hear with our ears*
- vibration: *when something moves quickly up and down or side to side*
- sound waves: *bring sound to our ears*

Materials

- Pencil
- Red crayon
- Blue crayon

Printing & Preparing

1. Print a copy of the guided notes page.
2. Cut the page along the middle line.
3. Staple the guided notes booklet.



Using the Guided Notes

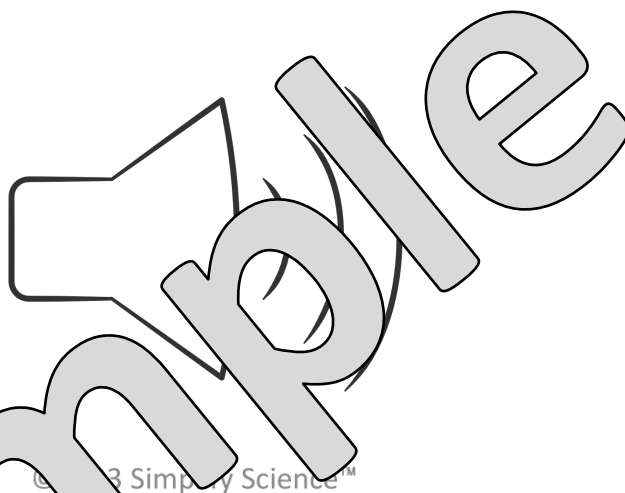
- At the beginning of the lesson, gather students in a common area and make sure they have the materials they need (consider using clipboards if students are sitting on the floor). Distribute one guided notes booklet for each student.
- Introduce the guided notes booklet. Explain that students will be told which page they should be on, rather than moving through the booklet at their own pace.
- How it sounds: "In this booklet, you'll find some spaces where you can write or draw. These spaces are not just for any writing; they're for the most exciting and important things you'll discover during our lesson. It'll let you know when it's time to write or draw in your booklet."
- Refer to the "presenter notes" in the lesson slide deck for directions on how students should use each page of their guided notes. You can also find these presenter notes in the unit guide.

Name: _____

Guided Notes

Let's learn about

Sound



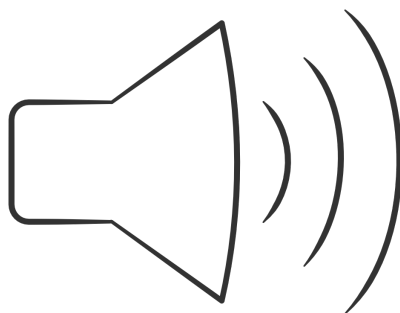
© 2023 Simplify Science™

Name: _____

Guided Notes

Let's learn about

Sound



©2023 Simplify Science™

Draw a picture of something that makes sound. Label the picture.

Sound is what we hear with our ears.

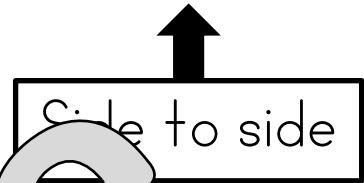
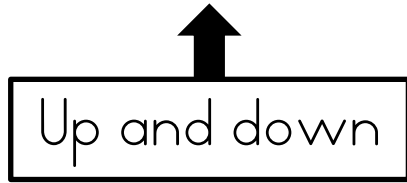
1

Draw a picture of something that makes sound. Label the picture.

Sound is what we hear with our ears.

1

Draw pictures above the labels to represent the idea.

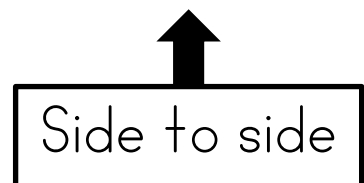
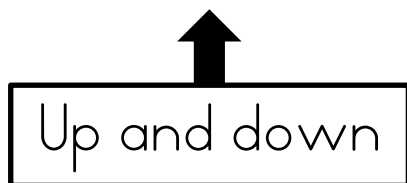


Vibration creates
sound.

2

© 2023 Simplify Science™

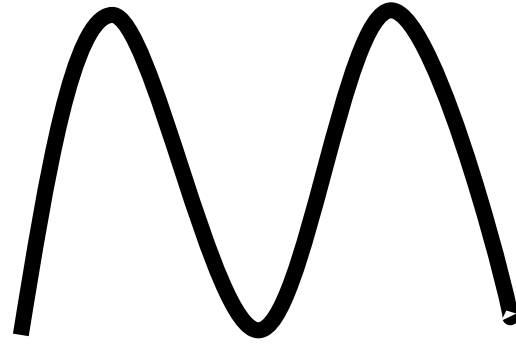
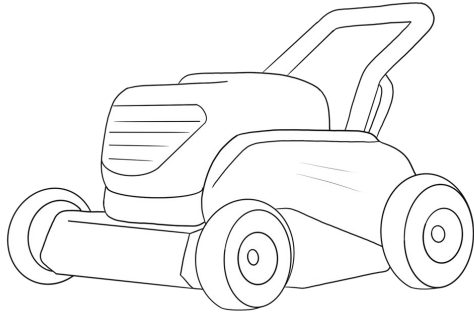
Draw pictures above the labels to represent the idea.



Vibration creates
sound.

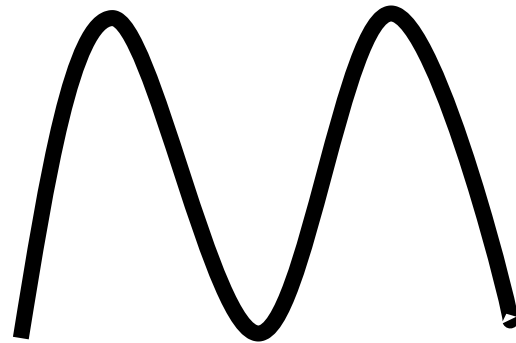
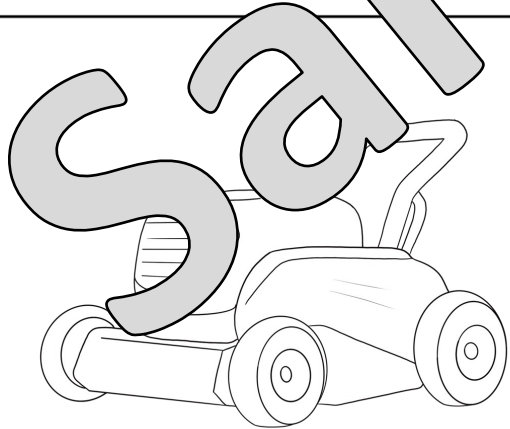
2

©2023 Simplify Science™



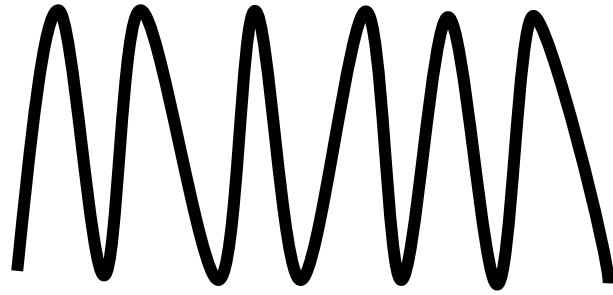
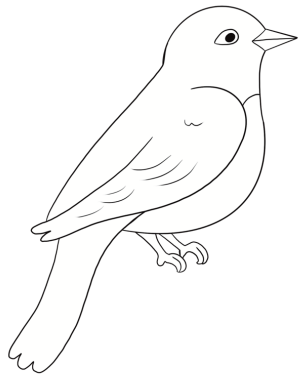
Sound waves that are
_____ create a sound with
a low pitch.

3



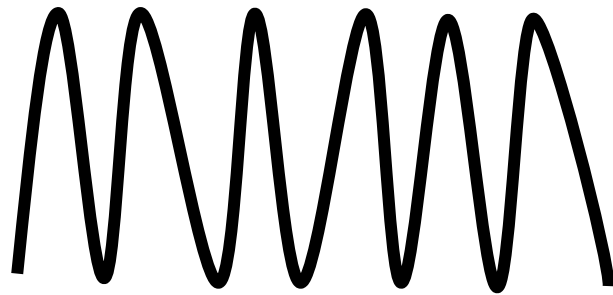
Sound waves that are
_____ create a sound with
a low pitch.

3



Sound waves that are
_____ create a sound with
a high pitch.

4



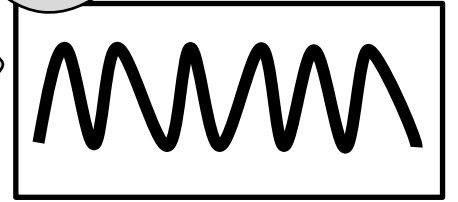
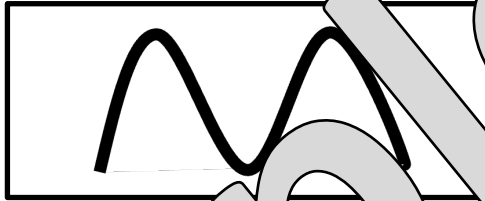
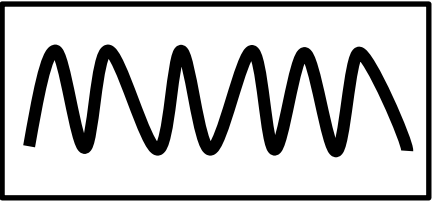
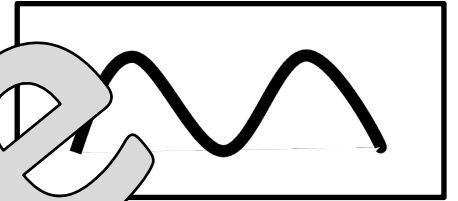
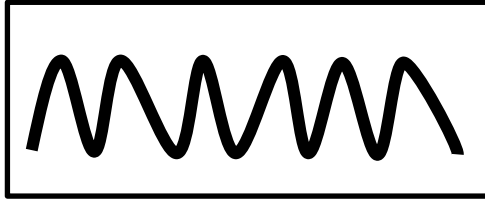
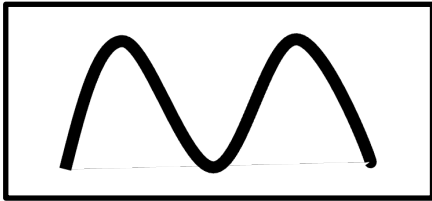
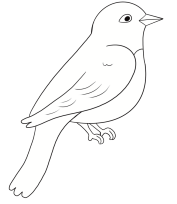
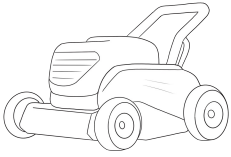
Sound waves that are
_____ create a sound with
a high pitch.

4

Color the waves based on whether they are high or low in pitch.

low pitch: red

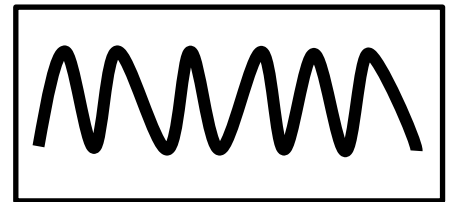
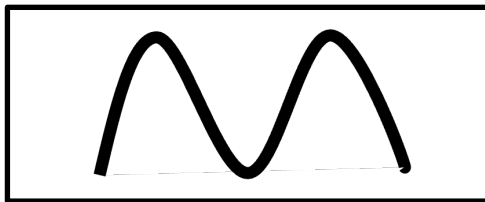
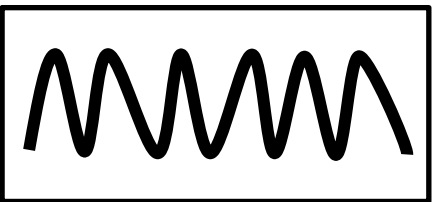
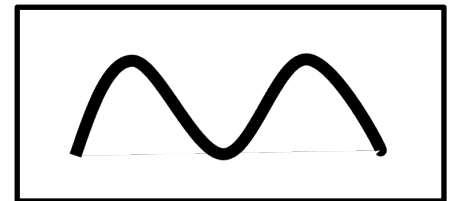
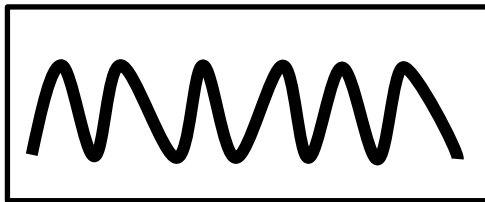
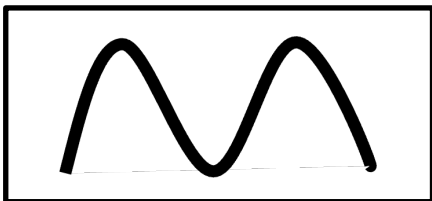
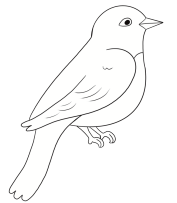
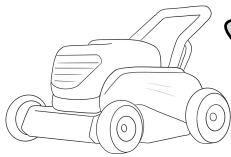
high pitch: blue



Color the waves based on whether they are high or low in pitch.

low pitch: red

high pitch: blue



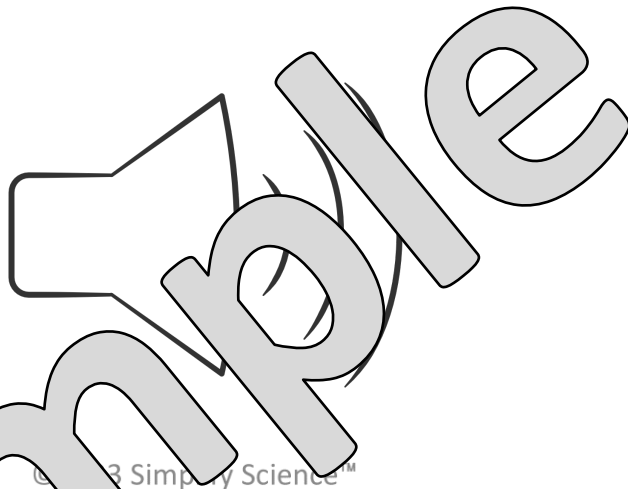
Answer Key & Sample Work

Name: _____

Guided Notes

Let's learn about

Sound



© 2013 Simply Science™

Draw a picture of something that makes sound. Label the picture.



megaphone

Sound

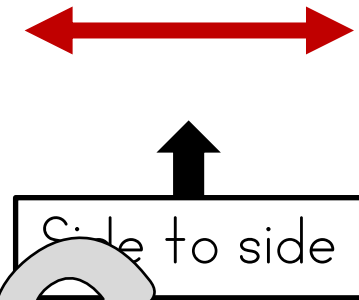
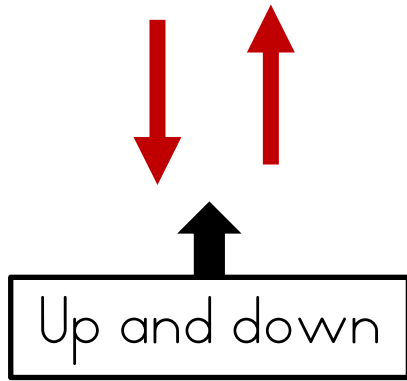
is what we

hear with our ears.

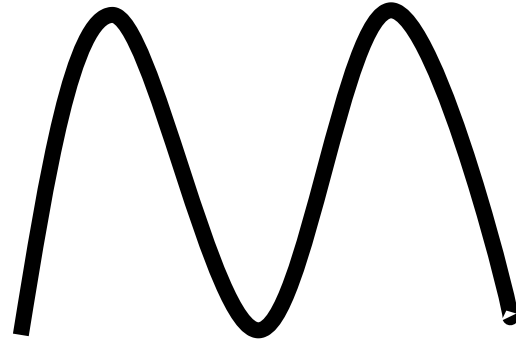
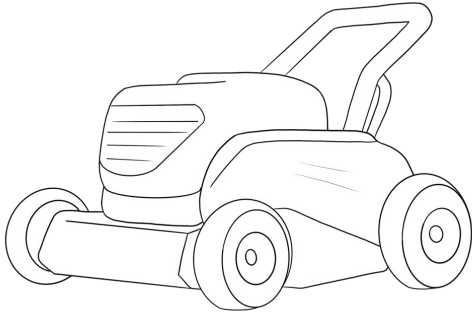
© 2013 Simply Science™

Sample

Draw pictures above the labels to represent the idea.



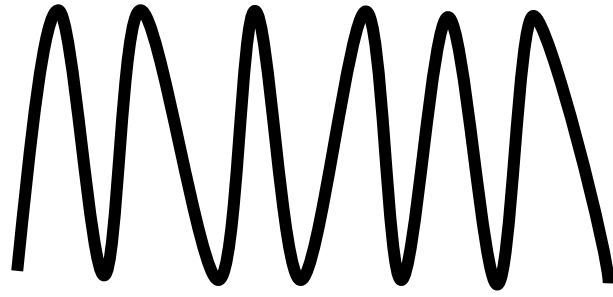
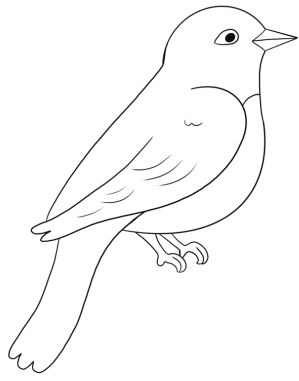
Vibration creates
sound.



Sound waves that are
slow create a sound with
a low pitch.

© 2013 Simply Science™

Sample



Sound waves that are
fast create a sound with
a high pitch.

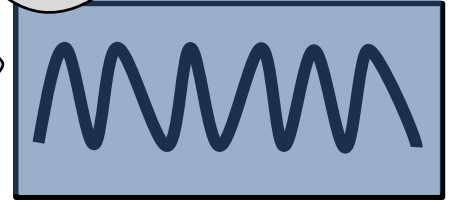
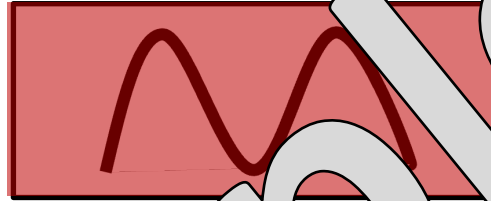
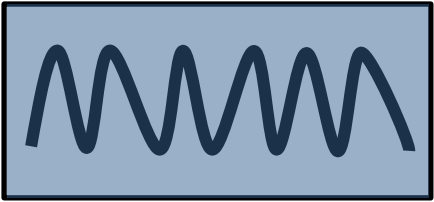
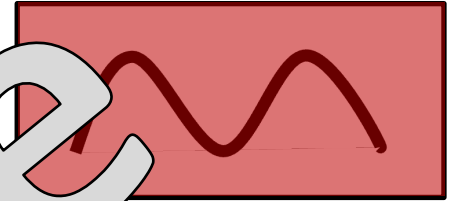
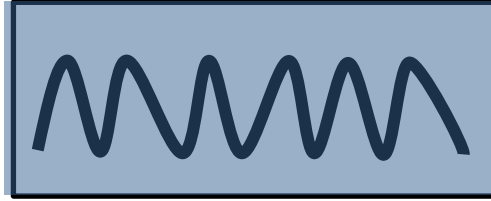
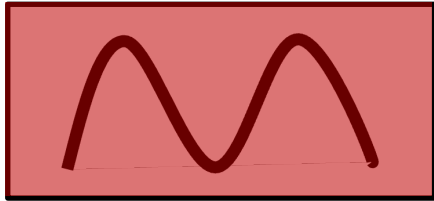
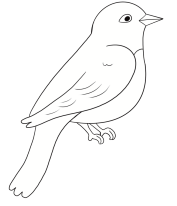
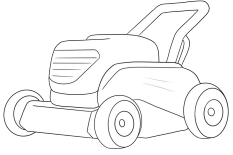
© 2013 Simply Science™

Sample

Color the waves based on whether they are high or low in pitch.

low pitch: red

high pitch: blue



Sample