Listen and Sing

Explore the sounds your voice can make.

Day 1 (20–30 minutes)

VIDEO

Hear Here
Quack wants to give a concert so everyone can hear his magnificent voice.

What Your Child Will Learn

Science skills: Observing, describing, and comparing sounds
Science ideas:
• Sounds can be loud or soft (or quiet).
• Sounds can be high or low.
• Sounds change when they travel through a hollow object, such as a pipe or tube.
Vocabulary words to practice: sound, quiet, soft, loud, high, low, hear, notice, different, concert, voice

What You Need

Video: Hear Here (9 minutes)
What to Do
Sit together so you can talk about the video while you watch.

1. Before you watch, SAY: Quack wants to give a concert to show off his wonderful voice. But he can’t find a good place for his concert.

2. After you watch together, ASK:
   - How did Quack’s voice change when he sang in different places?
   - What did you notice when Quack sang inside the pipe and the garbage can?

Ask Questions and Talk About Ideas
Ask questions to help your child think more about the activity. Start a question by asking, “What do you think...?”

Sing It!
Explore singing loud and soft, high and low.

What Your Child Will Learn
Science skills: Observing, experimenting, describing, and comparing sounds, recording observations, and sharing ideas
Science ideas:
- Sounds can be loud or soft (or quiet).
- Sounds can be high or low.
Vocabulary words to practice: loud, soft, high, low, whisper, sound, voice, compare, same, different, concert

What You Need
☐ cellphone to record singing

What to Do
1. SAY: Let’s give a concert like Quack. To warm up his voice, Quack sings, “me-me-me-me!”
2. Make recordings while your child sings. ASK:
   - Can you sing, “me-me-me-me!” in a high, squeaky voice? (Imitate each sound for your child.)
   - How about in a low, growly voice?
   - Now sing it loud! And even LOUDER!
   - Can you sing it very softly?
   - What other funny voices can you make up?

Play and Explore Together
Notice what excites your child—and play along!
Talk About What You Learned

Listen to your recordings. **ASK:**

- *What does your voice sound like here?*
- *How did you make that sound?*

**Ask Questions and Talk About Ideas**

Make recordings, listen to them, and discuss. To learn, children need to reflect on (think about) what they did.

Keep Learning!

- Give your family a **concert**, singing in different voices. Or play them some of the recordings you made. Ask them to describe what the voices sound like.
- What other kinds of sounds can you make with your mouth besides singing and talking?
- Make sounds with other parts of your body. How many different sounds can you make with just your hands? How many different sounds can you make with your feet? **Compare** how the sounds are the same or different.

**Explore More!**

Explore the same science topic in different ways.

**Online Game (Optional)**

Go to the PEEP and the Big Wide World website (peepandthebigwideworld.com) and play a game about sounds called **Hum Along!** Explore high and low sounds. Make your own music and watch the characters dance!

**Play, Talk, and Explore More!**

During the week, take a minute or two come up with your own ideas for exploring singing and the sounds your voices can make. The more you play, talk, and explore more together, the more you help your child think, learn, and grow.
Day 2  (20–30 minutes)

VIDEO

Hear Here

Quack wants to give a concert so everyone can hear his magnificent voice.

What Your Child Will Learn

**Science skills:** Observing, predicting, and testing, describing and comparing sounds, recording observations, and sharing ideas

**Science ideas:**
- Sounds can be loud or soft (or quiet).
- Sounds can be high or low.
- Sounds change when they travel through a hollow object, such as a pipe or tube.

**Vocabulary words to practice:** sound, different, similar, predict, voice

What You Need

☐ Video: *Hear Here* (9 minutes)

What to Do

Watch the video again to make new discoveries. Talk about what you noticed this time.

**Explore More!**

Watch again. Children learn new things each time.

ACTIVITY

Talking and Singing Through Tubes

Explore how sounds can change outdoors?

What Your Child Will Learn

**Science skills:** Observing, predicting, and testing, describing and comparing sounds, recording observations, and sharing ideas

**Science ideas:**
- Sounds can be loud or soft (or quiet).
- Sounds can be high or low.
- Sounds change when they travel through a hollow object, such as a pipe or tube.

**Vocabulary words to practice:** sound, different, similar, predict, voice
What You Need
- tube (empty toilet paper or paper towel tube) or roll up a piece of construction paper and tape it
- cellphone for recording videos

What to Do
1. **ASK:**
   - What did Quack’s **voice sound** like when he was singing inside the pipe?
   - How was it **different** than his normal voice?
   - Let’s try to change our **voices** too!

2. Hold up the tube and **ASK**:
   - Does this look like Quack’s pipe? How is it **different**? How are they **similar**?
   - What do you **predict** (think) will happen if you talk or sing through this tube?

3. Have your child sing or talk into the tube. **ASK:** How does the tube change your **voice**?

4. Record your child singing with the tube, and record your child singing without it.

Ask Questions and Talk About Ideas
The more you talk together, the more your child learns.

Talk About What You Learned
- Have your child **listen** to each recording, but without watching the video.
- **ASK:** What does your **voice sound** like? Do you think you were using the tube this time, or is this your regular **voice**? Why do you think that?

Ask Questions and Talk About Ideas
Make recordings, listen to them, and discuss. To learn, children need to reflect on (think about) what they did.

Keep Learning!
- Have your child hold the tube up to his/her ear and **listen**. How does that change the way things **sound**?
- Have your child take the tube away from his/her ear, even just a little bit. How does the **sound** change now?
- What happens if your child taps or scratches on the tube, or puts a hand over the open end of the tube?

Explore More!
Use the materials to explore in a different way.