

Science Lesson – Sense of Hearing

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Assume: 19/20 students in the morning and afternoon, completing the lesson

Learning Area: Environment and Community Awareness

Materials:

- Ukulele
- YouTube video “What is Sound?” by SciShow Kids.
<https://www.youtube.com/watch?v=3-xKZKxXuu0>
- (If needed) a short book about hearing facts from the library

Learner Outcomes: (Kindergarten Program Statement)

- The child becomes aware of the five senses and how they are used to explore, investigate and describe the world by describing some properties

Focus Question/Statement

- I can use my sense of hearing to understand sounds in the world and use simple vocabulary to describe properties of sound.

Lesson Details:

Hook

- To remind students we are continuing with our exploration of the senses, and going over what the five senses are.

Activity

- We will begin by watching a YouTube video that introduces the concept of sound waves and vibrations moving through the air. The students will then be introduced to the ukulele which we can use to feel vibrations and learn about high and low sounds.
- We will sit in a circle and pass the ukulele around the class so students can strum the ukulele and feel it vibrate, while the rest of the students pretend to be sound molecules, moving their hands one at a time to show sound moving around the circle.
- After we have gone through the class, we will stand up in the circle and listen to high and low tones on the ukulele, and begin in a crouch with a low tone. As the ukulele hits higher and lower tones, we will move up and down. Crouching will be the lowest note,

and standing will be the highest note. This will help the students to understand visually how the tones of the ukulele move up and down.

- If we have time at the end of the lesson, we will read a short book to wrap up the ideas about sound and summarize the information we learned.

Assessment Practices:

- Observation and collecting anecdotal evidence of learning.

References

Alberta Education. (2008). Kindergarten Program Statement . *Program Overview*.

Retrieved from <https://education.alberta.ca/media/563583/kindprogstate2008.pdf>.