

Honoree: Gwendolyn Bradley

Grade Level: 1-3

Subject: Science (Health & Chorus)

Activity: Sounds Good To Me

Standard/Indicator Standard 1-5: The student will demonstrate an understanding of the positions and motions of objects. (Physical Science)

Standard 3-5: The student will demonstrate an understanding of how motion and sound are affected by a push or pull on an object and the vibration of an object. (Physical Science)

Goal/Objective: Illustrate the fact that sound is produced by vibrating objects.

Recall that vibrating objects produce sound and that vibrations can be transferred from one material to another.

Compare the pitch and volume of different sounds.

Recognize ways to change the volume of sounds.

Explain how the vibration of an object affects pitch.

Items/Materials Needed

- Bio of Gwendolyn Bradley - Refer to the AT &T SC African American Calendar 2013
- Materials that will be used for the lab activities

Steps/Strategies

1. Teacher will have Gwendolyn Bradley opera performance play on the interactive board.
2. The teachers will explain who Gwendolyn Bradley is and ask how we can use her performance to investigate sound.
3. Lab Activity (Links are attached)

Useful Links:

Gwendolyn Bradley singing: <http://youtu.be/T0rMopmyINk>

Lab Activity (Specific Answers May vary):

http://www.teachersdomain.org/resource/phy03.sci.phys.howmove.lp_sound/