

it's Storytime CHALLENGE

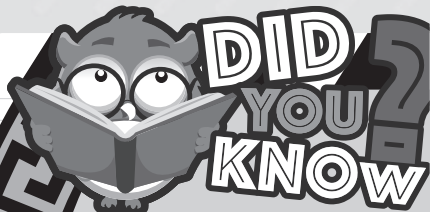
Balloon Bagpipe

REUSE Toolbox
 What other materials could you find and use?

- Large Balloon
- Plastic Bottle Top
- Tape
- Plastic Tube
- Scissors

My Design Ideas:

How could I improve on my design for next time?



All musical instruments create sound through vibrations! Those vibrations create sound waves. Slower sound waves make a lower pitch, faster waves make a higher pitch!

POWER UP WORDS

- Vibration
- Pitch
- Waves

CAREER LIFTOFF

- › Musician
- › Sound Engineer
- › Music Director
- › Teacher
- › DJ



Learning Standards: 1st Grade

1-PS4-1 Plan and conduct investigations to provide evidence that vibrating materials can make sound and that sound can make materials vibrate.
 K-2-ETS1-2 Develop a simple sketch, drawing, or physical model to illustrate how the shape of an object helps it function as needed to solve a given problem.
 K-2-ETS1-1 Ask questions, make observations, and gather information about a situation people want to change to define a simple problem that can be solved through the development of a new or improved object or tool.