

Voice Viewer



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Setup

Voice viewer is an extremely entertaining activity for kids to view their voice onscreen.

All the equipment for this exhibit is provided by Mr. Baird and the only setup required is to have a computer and a headset. The headset must

have a microphone that connects to the computer through the USB port. Overall, the setup is minimal and not at all time-consuming or hard to clean up.

Suggestions for Improvement

Some sound-making devices that may add to the exhibit are tuning forks, whistles, and any easy transportable type of instrument (e.g. a flute, trumpet, or keyboard).

Tips for Luring in Children/Parents

In order to attract the children and parents, create an attention-grabbing visual backdrop and interesting PhyzyGuides that are on clear display. Using bright colors helps to illuminate your exhibit across the room and get a steady traffic flow of interested viewers. Some of the children are shy, so if you encourage the kids to come up and try on a headset, they will do so. Sometimes you must call out, “Hey, do you want to see your voice onscreen,” so that they come. Most of the time, we told children to yell, blow on the microphone, sing, whisper, and shout so that they had a better understanding of pitch, amplitude, and frequency. As with the timid children, many of the parents glance at the exhibit and walk by unless you capture their attention by asking, “Do you want to try this?” In response to this question, most parents then tested out the exhibit and enjoyed it, leaving with a PhyzyGuide.

Previous Advice from Notes to the Future

(Did not receive previous N2tF so make sure you make N2tF to give future exhibitors hit tips)

Further Advice

Have a lot of energy and enthusiasm and feel free to shout out to the viewers to come on up and learn some cool Physics. Also, have creativity and choose a reliable partner so you do not get stuck with having to do all the work. The best exhibits result from a collaborative effort mixed with fun, entertaining, and outspoken people.