

Mad Science of the Mid-Hudson Special Event/Assembly Summary:

"Sounds Like Science"



This Mad Science show is all about sound and sound waves. The students will get tuned-in to learning with exciting demonstrations and experiments. Volunteers will help demonstrate wave motion. Children will learn the difference between transverse and longitudinal waves and understand how vibrations travel to their ears.

Ordinary objects will be used to simplify complex ideas – kids will make bagpipes out of trash bags and use cups and buckets to create sound amplifiers. Metal pipes and rods will sing...and shriek. A group of children will build an electronic speaker to play music out of a trash can. The final demonstration will create a shock wave – a sound so strong that it can be “heard” with their skin!

