



Today Science Club are going to.....

## MAKE SOME NOISE!



Have a go with the musical instruments.

### Sound:



Sound is caused by **VIBRATIONS**. Show your hand vibrating.

What do we use to hear sound? \_\_\_\_\_

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The sounds travel through the air and into our ears.

Usually we cannot see these vibrations move through the air but we are going to make a **VORTEX CANNON** so we can see them.



**Note to parents:** We have made air vortex cannons using a large cardboard box with various shaped holes in the side (see above). We used these to knock over stacked plastic cups on tables. We also used a smoke machine to show the movement of air. If you want to try this at home go to: [www.youtube.com/watch?v=4b2SV3ASUxY](http://www.youtube.com/watch?v=4b2SV3ASUxY)