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Electronics Laboratory (In-School Fieldtrip) *for* **2nd Grade**

Introduction to Sound Activated Devices

Students will

- Learn basic electronics and electric circuit concepts
- Learn the description and uses of Sound Activated Devices
- Learn to identify components that that make of Sound Activated Devices and their functions.
- Have fun building Sound Activated Devices and Observing how they work.



Alignment with County Curriculum for 2nd Grade

- Science Technology and Engineering:
 - Physical Sciences: Describe the components of a Sound Activated Device, Design a sound activated circuit using circuit components.
- Analysis
 - Identify the relationship between components of a circuit
 - Explain each part of a Sound Activated Device to learn how all the circuit components function as a whole.

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