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Electronics Laboratory (In-School Fieldtrip) *for* **5th & 6th Grade**

Introduction to Radios

Students will

- Learn about radios and how they work
- Investigate static electricity, electrical energy, electromagnetism and how they function in the AM radios
- Build a working AM radios.
- Investigate the difference between AM and FM radios.
- Work in teams to build working FM radios.



Alignment with County Curriculum for 5th & 6th Grade

- Science Technology and Engineering:
 - Physical Sciences: electrical energy, magnetic forces, electromagnetism, waves.
 - Engineering and Technology: History and Impact of technology
- Collaboration
 - Work in teams to build a radio – sharing responsibility and assigning tasks.

Cost: \$10/student

Contact:

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