



STEM AFTERSCHOOL ACADEMY

presents

Electronics Laboratory (in-school fieldtrip) for 4th Grade

Introduction to Electronic Detectors (Lie, Water, Motion, Light)

Students will

- Learn about electronic detectors and how they work
- Build various detection circuits (Lie, water, motion, light)
- Learn how detection technology is used in the real world
- Work in teams to design and build their own detection device.



Alignment with MCPS Curriculum 2.0 for 4th Grade

- Science Technology and Engineering:
 - Engineering and Technology: Impact and use of technology; Application of the engineering design process.
- Synthesis
 - Integrate ideas and information to invent a device
- Collaboration
 - Work in teams on a device building challenge

Cost: \$10/student

Contact:

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