



ENERGY QUEST: ELECTRICITY & ELECTROMAGNETS

5th Grade

DESCRIPTION

Highlight your fifth grade study of electrical energy with this electrifying program. This program introduces students to the "hair-raising" topic of static electricity, gives them the basics for designing their own circuit boards. Program will run for 1.5 hours.

30 MINUTES – INTRO IN THEATER - ALL STUDENTS

- Introduce static and current electricity
- Demo using electrostatic generator (static)
- Demo using energy balls (current)

30 MINUTES - LAB

- Explore current electricity using the circuit boards

30 MINUTES - GALLERY TIME *(if open)*

- Introduce the Collins Family My Big Backyard focusing on electricity activities
- Give time to explore the gallery

TAKE HOME ITEMS

- Fingerlights

REVISED 09.16.20