

4-H Electricity Project outline

Session 1: Plugging in

- Youth learn about how their daily activities use electricity (Electric 1 pg. 6)
- Talk about what life would be like without electricity, Have youth write a story or draw a picture about a day that the power went out at their house and what they could or couldn't do.
- Static electricity (Activity Sheet and kit items)
- Have youth use balloons to create static electricity and experiment and see what they can pick up

Session 2: Electric Education

- Youth learn to create a flashlight (Electric 1 pg. 10)
- Photo copy the electricity coloring book. Have each youth color 1 page each day until all pages are colored. At completion of project put book together and read and show youth the colored book.
- Renewable and Nonrenewable game (Activity Sheet)

Session 3: Creating a Simple Circuit

- Review electricity background info and circuit sheets (Activity Sheets)
- Using the kits provided have youth separate into groups to create a simple circuit.
- Fruity Electricity (Activity Sheet and kit items)
- Questions (Electric 1 pg. 13 and 15)
- Super Sparkler Activity (Activity Sheet)

Session 4: Conducting things

- Complete activity (Electric 1 pg. 16 &17)
- Play Electricity Game (In kit)
- Create a Be Safe Poster (activity sheet)

Session 5: May the force be with you

- Complete activity (Electricity pg. 20&21)
- Best Guess Test (See activity sheet and kit items)
- Play Electric bingo (Helpers Guide pg. 16)

Session 6: A Passing force

- Complete Activity (Electric 1 pg. 22&23)
- Coloring book pages
- Magnetic Art (Activity Sheet)

Session 7: Attract or repel

- Complete activity (Electric 1 pgs 24&25)
- The Invisible Energy in Light (Activity Sheet and kit items)
- Electric charades - have youth act out activities they use electricity for

Session 8: Attractions

- Complete activity (Electric 1 pg.26&27)
- Complete activity (Electric 1 pg. 28&29)
- Fridge magnet craft (Activity Sheet and kit items)

Session 9: Make it spin

- Complete activity (Electric 1 pg. 32&33)
- Read completed coloring book