



The Stay Safe, Stay Clear with ESB Networks Lesson Plans were designed specifically to cover most of the following curriculum objectives.

**Subject: Science Strand: Energy and Forces Strand Unit: Electricity**

### JUNIOR & SENIOR INFANTS:

**The child should be enabled to:**

- Become aware of the uses of electricity at home and in school
- Identify some household appliances that use electricity
- Become aware of the dangers of electricity

### FIRST AND SECOND CLASS:

**The child should be enabled to:**

- Explore the effects of static electricity
- Become aware of the uses of electricity in the school and home
- Identify some household appliances that use electricity
- Become aware of the dangers of electricity

### THIRD AND FOURTH CLASS:

**The child should be enabled to:**

- Explore the effects of static electricity
- Observe the effects of static electricity on everyday things in the environment
- Learn about electrical energy
- Investigate current electricity by conducting simple circuits
- Examine and group materials as conductors and insulators
- Become aware of the dangers of electricity

### FIFTH AND SIXTH CLASS:

**The child should be enabled to:**

- Explore the effects of static electricity
- Learn about electrical energy
- Investigate current electricity by conducting simple circuits
- Become aware of how some electrical appliances work
- Become aware of and understand the dangers of electricity

### OTHER AREAS OF INTEGRATION:

**English:** Advertising, writing, oral language development: describing, discussion

**SPHE:** Health and Safety: electricity safety at school and in the home, playing safely in the home

**Geography:** People using electricity: using electricity wisely, identifying electricity in our environment, sources of electricity

**Visual Arts:** Looking and responding, drawing

**ICT:** Researching electricity online

