

# Vocabulary List for *Giants of Electrical Science*

The following words are listed in the order in which they are used in *Giants of Electrical Science*. Electrical terms are in underlined italics.

**Insulator**: A material that does not allow the flow of electricity.

**Asphyxiation**: Not being able to breathe.

**Fathom**: To understand or comprehend.

**Repelled**: To be pushed away from. The opposite of attracted.

**Conductor**: A material that easily allows the flow of electricity.

**Leyden Jars**: A special device for storing electrical charges.

**Descendant**: Something that follows from, or is related to, the original.

**Current**: A steady flow of electricity.

**Brine**: Salt water.

**Circuit**: An unbroken electrical path.

**Filament**: A special conductor found in light bulbs. When the filament gets hot it produces light.

**Electromagnetism**: The relationship between magnets and electricity.

**Electromagnet**: A magnet that is created by passing electricity through a coil of wire wrapped around a metal bar.

**Induction Ring**: A special electromagnet that induces, or causes, an electric current in a non-electrified wire.

**Galvanometer**: An instrument for detecting and measuring electric current.

**Dynamo**: An electric generator.

**Menlo Park**: Thomas Edison's famous laboratory.

**Patent**: Official recognition, or document, that protects the rights to an invention or idea.

**Resistance**: The amount of difficulty an electrical current has in passing through a material.