

Keywords: Spring 1

Physics

Topic Title: Electricity

Introduction to the topic: What is electricity, making circuits and different ways of measuring electricity

What lessons will you cover during the topic? Symbols, circuits & equations

| Keyword | Definition |
|----------------------------|---|
| Alternating Current | Electric current in a circuit that repeatedly reverses its direction. |
| Circuit breaker | <ul style="list-style-type: none"> An electromagnetic switch that opens and cuts the current off if too much current passes through it. |
| Conductor | A material that readily transfers energy by atom vibration or electrical energy through the movement of free electrons |
| Direct Current | Electric current in a circuit that is in one direction only. |
| Efficiency | The ratio of energy (useful power) output to total energy (power) input, expressed as a percentage or decimal number |
| Electrical Energy | Energy transferred by the movement of electrical charge. |
| Fuse | A fuse contains a thin wire that melts and cuts the current off if too much current passes through it. |
| Parallel circuit | A circuit where there are two or more paths for the current to take. |
| Series circuit | Components connected in a circuit so that the same current passes through them are in series with each other |