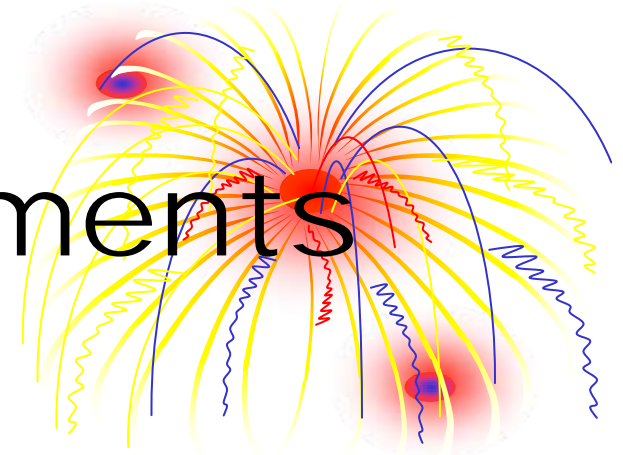




# Energy Experiments

3<sup>rd</sup>/4<sup>th</sup> Electricity

# Electricity experiments



1. Lighthouse
2. Conductor or insulator
3. Buzzer

These three experiments (all concerned with current electricity) explore the following objectives of the 3<sup>rd</sup>-4<sup>th</sup> class science curriculum:

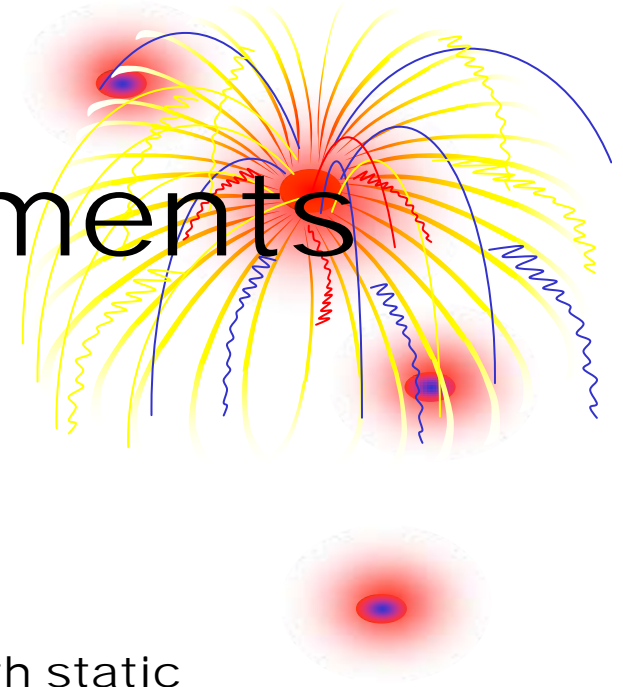
Strand: Energy and forces

Strand unit: Magnetism and electricity

Objectives:

- learn about electrical energy
- investigate current electricity by constructing simple circuits
- examine and group materials as conductors and insulators
- become aware of the dangers of electricity

# Electricity experiments



4. Static electricity
5. Sparks of lightning
6. Electric car race

These three experiments (all concerned with static electricity) explore the following objectives of the 3<sup>rd</sup>-4<sup>th</sup> class science curriculum:

Strand: Energy and forces

Strand unit: Magnetism and electricity

Objectives:

- explore the effects of static electricity
- observe the effects of static electricity on everyday things in the environment
- learn about electrical energy