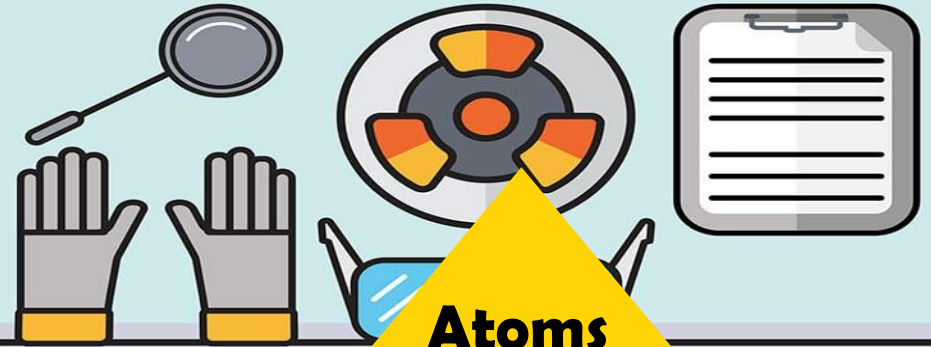


Getting ready for Year 10 Science

Physics



Atoms



Ions

Electricity

**Contact
Force**

**Energy
Conservation**

Proton

Calculate

Dissipation

**Longitudinal
Wave**

Weight

Diode

Neutron

Magnet

Electron

Transverse wave

Drag

**And a
lot
more...**



Getting ready for Year 10 Science

Physics

To do; Complete two of the three tasks on the next slides.

- Task 1 –
- Task 2 – Newtons 3 laws – summary explaining them
- Task 3 – Energy stores

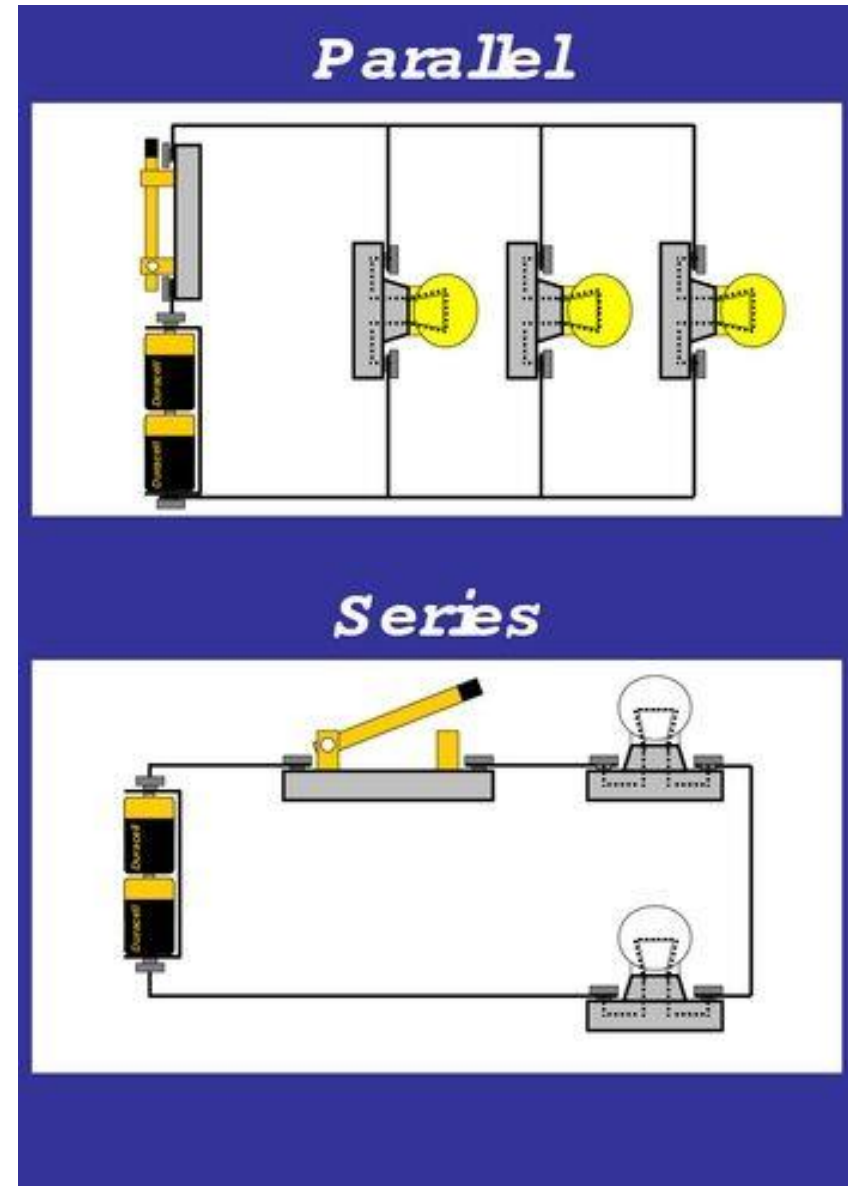
How to do it; on paper, in your old book or on your iPad ~ get creative. We don't mind how you do it as long as you have a go!

Challenge; Complete all 3 and send to Mr. Ward for a reward!

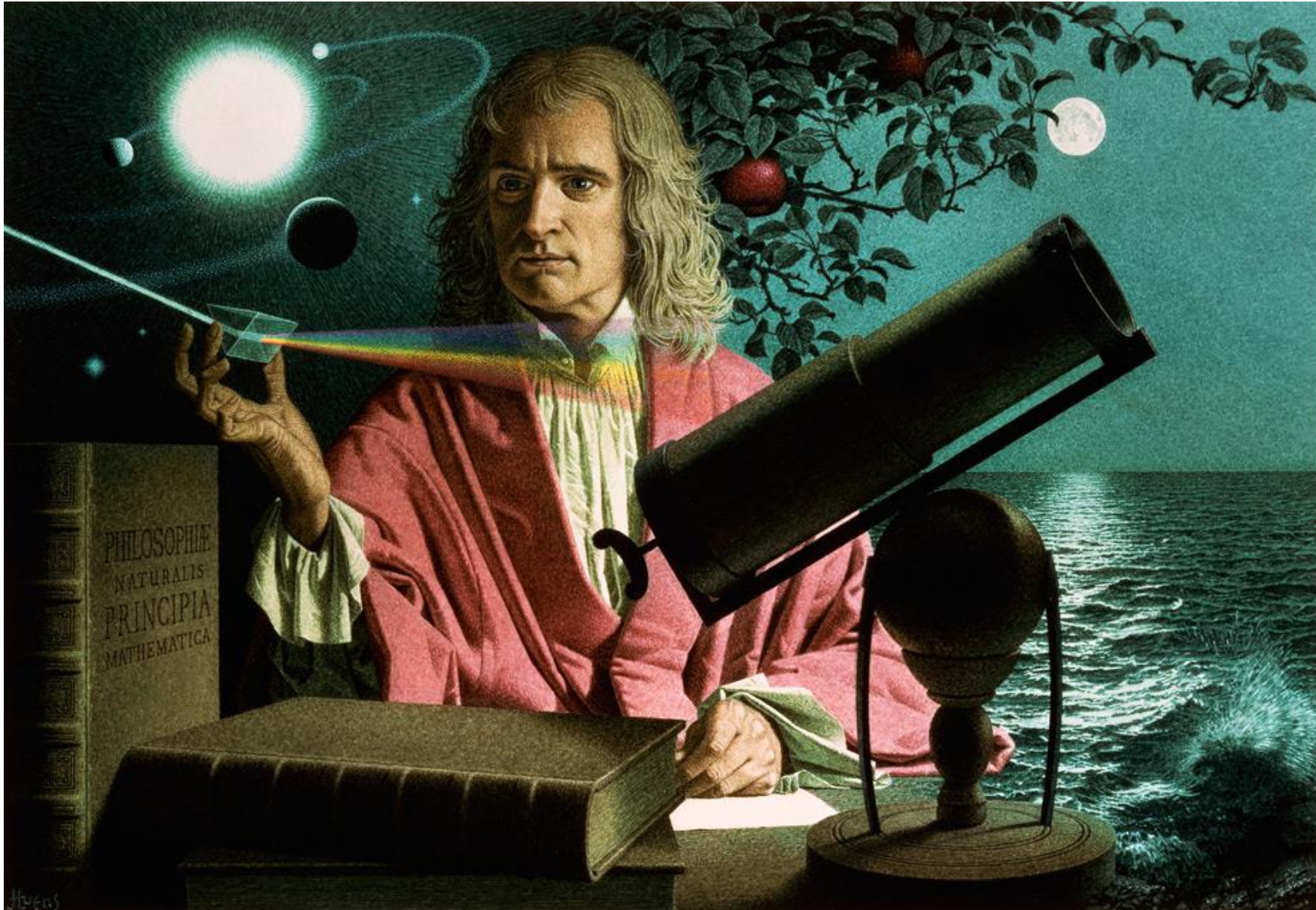
Task 1 – Current in series and Parallel

TASK: A stop motion or comic strip of what current is and how it flows through series and parallel circuits.

You must include: A definition for current, what allows it to flow in metals, a Stop motion or comic strip of how it flows and the rules governing this



Task 2 – Newtons 3 laws



TASK: Explain what Newtons three laws are and create a drawing/stop motion/video of each of them being applied

You must include:
Formal statement of the law, Explanation of what they mean and a diagram or stop motion or video of where they apply..

Task 3 – Energy stores

TASK: Create a picture or cartoon strip that includes all of the energy stores.

You must include names and details of the following:

Kinetic, GPE, Thermal, Elastic, Nuclear, Chemical, Magnetic, Electrostatic

