

Welcome to



Science

SCIENCE



**Miss Ball – Head of
Science**



**Miss Lester – Head of KS3
(Yr7 – 9)**

What is Science?

- Science is the study of nature, using the **SCIENTIFIC METHOD** and developing technology to make the World a better place to live.

Scientific Method:

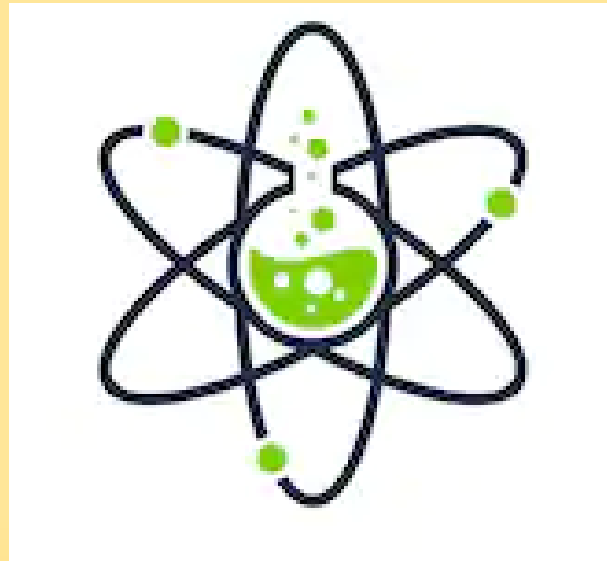
See something / Have an idea → Test it → Do results agree with your idea?

- **YES** = SCIENTIFIC THEORY of the WORLD!
- **NO** = START AGAIN... Get a better idea!

**Study in 12
Brand New
Laboratories!**



Science has three strands (or “flavours”):



- **Physics** – study of energy and forces

- **Chemistry** – study of matter interactions

- **Biology** – study of living organisms

What's in store for you this year?

We will cover all three strands in different TOPICS:

- **Term 1**
 - Introduction topic: How to be a scientist and Space mission
 - Cells
 - Particle theory
 - Gravity and Space
- **Term 2**
 - Human body
 - Separating mixtures
 - Speed
- **Term 3**
 - Plant and Human reproduction
 - Elements
 - Contact forces
 - Ecosystems and food chains
 - Substances

A standard periodic table of elements with color-coded groups. The title "Periodic Table of the Elements" is at the top. The table includes element symbols, atomic numbers, and names.