KS3 Science Learning Journey

Oakwood HIGH SCHOOL
'INSPIRED TO ACHIEVE'

Trilogy Science

Triple Science

YEAR 8

- Electrolysis
- Crude oil
- Combustion
- Endothermic & exothermic reactions
- Metals & alloys
- **Chemistry 6 Earth**
- Relative molecular mass
- Rates investigation
- **Chemistry 4 Matter**
- Non metals
- Symbol equations
- Conservation of mass
- Human impact
- Transects
- DNA
- Selective breeding
- Food chains & webs
- **Biology 5 Ecosystems**
- Pyramids of numbers
- Classification
- **Biology 6 Genes**
- Evolution
- Metals
- Ionic & covalent bonding
- Moles
- **Chemistry 5 Reactions**
- The lungs
- Smoking
- Digestion
- Conduction, convection & radiation
- Static
- Series & Parallel
- **Physics 6 Energy & Electricity**
- Weight & gravity
- Reflection
- Wave diagrams
- Building electromagnets
- Enzymes & temperature
- Balanced diet
- **Biology 4 Organisms**
- Efficiency
- Voltage & resistance
- Circuit symbols
- Space travel
- Refraction
- Colours
- **Physics 5 Space**
- Electromagnets
- Magnetic field
- Stretching
- **Physics 4 Forces & Magnetism**
- Pressure
- pH testing
- **Chemistry 3 Earth**
- Products of combustion
- Reduce, reuse, recycle
- Metal oxides
- Neutralisation
- Atmosphere
- Potable water
- Force diagrams
- Distance & velocity
- Reactivity series
- Changes
- Elements, compounds & mixtures
- The atom
- Variation
- Development of a foetus
- **Biology 3 Genes**
- Respiration
- **Chemistry 2 Reactions**
- Filtering & evaporating
- Periodic table
- **Chemistry 1 Matter**
- Menstruation
- Fertilisation
- Exercise
- Plant organs
- Plant reproduction
- Photosynthesis
- **Physics 3 Energy & Electricity**
- Energy stores & transfers
- Energy reserves
- Current & voltage
- Animal & plant cells
- Specialised cells
- Organ transplants
- Radio waves from space
- Communication in space
- Conservation of energy
- Basic circuits
- **Biology 1 Organisms**
- Microscopes
- Organ systems
- **Biology 2 Ecosystems**
- Seasons
- Solar system
- Investigating friction
- Speed
- Magnetism
- Planning a scientific investigation
- Bunsen Burners
- **Becoming a Good Scientist**
- Universe
- **Physics 2 Space**
- Sink or Float
- Forces
- **Physics 1 Forces & Magnetism**
- Using an acid
- Safety in the lab

YEAR 7

welcome