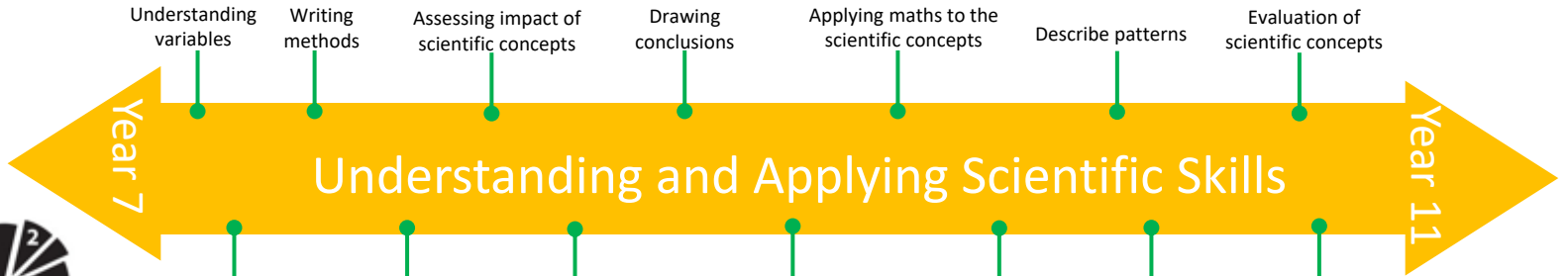


PHYSICS LEARNING JOURNEY



Final GCSE exams

Revision

Waves, Electromagnetism & Space

Forces in Action

Atmospheric Pressure
Pressure & Surfaces
Forces & Pressure
Momentum
Mass and weight
Analysing Graphs
Distance and velocity time graphs
Motion
Moments

Particles at Work

YEAR 11

Electricity in the Home
Resistance in circuits
Resistance
 Ω
Current
Electric Circuits
Electrons and orbits
Energy Issues
Renewable & Nonrenewable Energy

AC/DC
Circuits – parallel and series
Energy Demands
Specific Heat Capacity
Conduction
Efficiency
States of Matter
Specific Latent Heat
Radioactivity
Alpha, Beta & Gamma Radiation
Fission & Fusion

Molecules & Matter
Internal Energy
Temperature & Pressure
Radiation
Understanding and calculating half lives

Energy & Energy Resources

YEAR 10

Turning Points
Renewable and non-renewable energy
Communication
Energy Demands
Reactions
Light Intensity
New Technology

Electromagnetism
Telescopes
Radioactivity
Detection
Big Bang Theory

Motion & Pressure

Energy

Electricity

YEAR 9

Speed
Motion graphs
Pressure in liquids
Turning forces
Energy adds up
Energy transfer - particles
Conduction & Convection
Energy & Power
Charging up
Potential difference
Magnets and magnetic fields

Pressure in gasses
Pressure in solids
Energy & food
Energy & Temperature
Radiation
Energy resources
Work, Energy and Machines
Circuits & current
Series and parallel
Resistance
Electromagnetism

YEAR 8

Space
The Earth and Moon
The solar system
The night sky

Light

Sound

Forces

YEAR 7

Colours
The eye
Reflection
Speed of sound
Detecting sound
Loudness and pitch
Balancing forces
Drag forces & friction
Representing forces

The camera
Refraction
Light
Echoes of ultrasound
Waves
Sound and energy transfer
Forces at a distance
Stretching & squashing
Identifying forces

CROSS-CURRICULAR LINKS

