

Subject Learning Journey

KS4 SCIENCE



Leigh Academy
Hugh Christie

HOMEOSTASIS,
FORCES AND RATE
OF REACTION

MOCKS

INHERITANCE
AND
REPRODUCTION

HYDROCARBONS
AND WAVES

MOCKS

MAGNETISM,
ATMOSPHERE
AND ECOLOGY

REVISION

GCSE
EXAMS



11

RADIOACTIVITY

BIOENERGETICS,
CHEMICAL AND
ENERGY CHANGES

QUANTITATIVE
CHEMISTRY AND THE
PARTICLE MODEL

ELECTRICITY,
INFECTION AND
RESPONSE

ENERGY,
ORGANISATION AND
BONDING

CELL BIOLOGY AND
ATOMIC
STRUCTURE

ORGANISMS ARE
INTERDEPENDENT

REACTIONS
REARRANGE
MATTER

CELLS ARE
ALIVE

ENERGY IS
CONSERVED

STRUCTURE
DETERMINES
PROPERTIES

ORGANISMS ARE
INTERDEPENDENT

RADIATION
TRANSFERS
ENERGY

EARTH
SYSTEMS
INTERACT

10

FIELDS
PRODUCE
FORCES

RADIATION
TRANSFERS
ENERGY

REACTIONS
REARRANGE
MATTER

ECOSYSTEMS
RECYCLE
RESOURCES

9

ORGANISMS ARE
INTERDEPENDENT

REACTIONS
REARRANGE
MATTER

BODIES ARE
SYSTEMS

STRUCTURE
DETERMINES
PROPERTIES

FORCES
PREDICT
MOTION

8



7

ENERGY IS
CONSERVED

STRUCTURE
DETERMINES
PROPERTIES

CELLS ARE
ALIVE

ELECTRICITY
TRANSFERS
ENERGY

FORCES
PREDICT
MOTION

CHARACTERISTICS
ARE INHERITED

EARTH
SYSTEMS
INTERACT