Future careers in NHS

Future careers with AWE

Careers in Chemistry including Chemical engineer, Forensic scientist, Food scientist

Careers in Biology including Marine engineer, Climate scientist, Botanist

Careers in Physics including Laser physicist, Astronaut, Acoustic engineer

Key ideas in Biology Life processes Ecosystems Photosynthesis and respiration Evolution

Atoms and elements Periodic table Bonding and Chemical Reactions Conservation of energy in

The concept of cause and effect Action at a distance The concept of proportionality

CHEMISTRY OF THE ATMOSPHERE Evolution of Earth's atmosphere Carbon cycle Greenhouse gases

USING RESOURCES Potable water

ENERGY

ATOMIC STRUCTURE Elements and compounds separating mixtures Development of the periodic table The development of the

BEING A SEISMOLOGIST

Scalar and vector quantities Contact and non-contact forces **Resultant forces** Distance and displacement Acceleration,, velocity time graphs, transverse and

PHYSICS IN THE HOME Electrical circuits, domestic electricity, electrical safety, FUNDAMENTAL BIOLOGY Respiration, Photosynthesis Food webs/chains, Interdependence

ROAD MAP TO

SCIENCE (COMBINED) CURRICULUM



