Future careers in the NHS

ROAD MAP TO Future careers with AWE **THE TRIPLE SCIENCE CURRICULUM** Careers in Chemistry including Chemical engineer, Forensic scientist, Food scientist Careers in Biology including Marine engineer, Climate scientist, Botanist ding Laser physicist areer Zone 11 Astronaut, Acoustic engineer Responsive revision Responsive rev of the Science of the Science curriculum curriculun Ecology eritance, variation and evolution Classification of living organisms, environmental change and the effect of human evolution and variation and genetic engineering interaction on ecosystems **YEAR** Chemical analysis, and Using the Earth's purity of substances resources **Organic Chemistry** chromatography Chemistry of the atmosphere Space Solar system, satellite and the stability of orbital motions Magnetism and Waves Forces Electromagnetism Forces Energy Homeostasis The Waves in air, fluids and Interactions, moments, ge **changes** Exothermic and endothermic Motors, generators and solids and the and pressure transformers Moments, leve Electromagnetic and gears, Pressu controlling blood spectrum and pressure differences in fluids Momentum controlling fertility Electricity Atomic Particle model Electrical current, potential difference structure of matter Radiation, hazards Internal energy, density safety. Energy transfers in everyday and uses of radioa appliances. The National Grid. Static and pressure electricity one 10 **YEAR** ntitative Chemistry nical measurements, conservation o Rate and extent **Chemical changes** chemical change Energy equilibrium tions and amounts of gases global energy resources, advantages and disadvantages Bioenergetics nfection and Photosynthesis, Bioenergetics response, Infection and response, Communicable Communicable diseases and metabolism respiration and diseases and plant metabolism diseases **Chemical changes** electrolvsis **Cell Organisation** Cell Biology **Cell Organisation Cell Organisation** Cell structure, specialisation, plant tissues, organs

