

September 2025 topic schedule

	Monday	Tuesday	Wednesday	Thursday	Saturday	Sunday
Am 11:00-13:00	8 Microscopy Calculating magnification Interpreting SI prefixes micro, milli, nano, pico	9 States of matter Arrangement and movement of particles in 3 states Heating curve	10 Vector vs Scalar Quantities	11 Communicable and non-communicable diseases Role of immune system in protecting from disease	13 Acids Alkalis indicators	14 Model of an atom timeline Plum pudding model Rutherford alpha particle scattering practical
Pm 16:00-18:00						
Am 11:00-13:00	15 Transport and exchange of substances in and out of body Calculating surface area and volume ratios	16 Chemical cells vs fuel cells	17 Types of radiation and their ionising capabilities	18 Plant vs animal cells Functions of subcellular organelles Eukaryotes vs prokaryotes	20 Mixtures vs pure substances Using melting point to decide if a substance is a mixture or a pure substance Interpret heating curve to identify melting point	21 Interpreting distance time graphs
Pm 16:00-18:00						
am 11:00-13:00	22 Obesity and Cardiovascular disease BMI and Waist hip calculations	23 Link between pH and concentrations of ions in acids and alkalis Hazard symbols	24 Beta decay Balancing nuclear equations for mass and charge	25 Lung adaptations for gas exchange	27 Physical and chemical properties of Alkali metals, Group 1 elements	28 Series vs parallel circuits Component symbols
Pm 16:00-18:00						
Am 11:00-13:00	29 Parts of a light microscope Using microscope practical Electron vs light microscope	30 Filtration and crystallisation	WhatsApp/call +44 7708 691 781 E-mail; upgradescience@outlook.com https://forms.office.com/r/1KFhrN5g5b?origin=lprLink			
Pm 16:00-18:00						