

Y10 - TRIPLE SCIENCE

Biology

SB1 Key concepts in biology
SB2 Cells and Control
SB3 Genetics
CB4 Natural Selection and Modification
SB5 Health, Disease and the Development of Medicines

Chemistry

SC1/2 States of Matter, Separating Substances and Purifying Substances
SC3 Atomic Structure
SC4 The Periodic Table
SC5-7 Ionic bonding, Covalent Bonding and Types of Substances
SC8 Acids and Alkalis
SC9 Calculations Involving Masses
SC10-13 Electrolytic Processes, Obtaining and Using Metals, Reversible Reactions and Equilibria, Transition metals, Alloys and Corrosion

Physics

CP1 Motion
CP2 Forces and Motion
CP3 Conservation of Energy
CP4 Waves
CP5 Light and Electromagnetic Spectrum
CP6 Radioactivity

Y11 – TRIPLE SCIENCE

Biology

SB6 Plant Structures and their Functions
SB7 Animal Coordination, Control and Homeostasis
SB8 Exchange and Transport in Animals
SB9 Ecosystems and Material Cycles

Chemistry

CC14-16 Quantitative Analysis, Dynamic Equilibria, Calculations Involving Volume and Gases, Chemical Cells and Fuel Cells
SC17-19 Groups of the Periodic Table, Rates of Reaction, Heat Energy Changes in Chemical Reactions
SC20/21 Fuels, Earth and Atmospheric Science
SC22-24 Hydrocarbons, Alcohols and Carboxylic Acid, Polymers
SC25/26 Qualitative Analysis, Properties of Matter and Nanoparticles

Physics

SP8/9 Energy, Forces and their Effects
SP10/11 Electricity and Circuits, Static Electricity
SP12/13 Magnetism and the Motor Effect, Electromagnetic Induction
SP14/15 Particle Model, Forces and matter

Y10 – COMBINED SCIENCE

Biology

CB1 Key concepts in biology
CB2 Cells and Control
CB3 Genetics
CB4 Natural Selection and Modification
CB5 Health, Disease and the Development of Medicines

Chemistry

CC1/2 States of Matter, Separating Substances and Purifying Substances
CC3 Atomic Structure
CC4 The Periodic Table
CC5-7 Ionic bonding, Covalent Bonding and Types of Substances
CC8 Acids and Alkalis
CC9 Calculations Involving Masses

Physics

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Y11 – COMBINED SCIENCE

Biology

CB6 Plant Structures and their Functions
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CB8 Exchange and Transport in Animals
CB9 Ecosystems and Material Cycles

Chemistry

CC10-12 Electrolytic Processes, Obtaining and Using Metals, Reversible Reactions and Equilibria
CC13-15 Groups of the Periodic Table, Rates of Reaction, Heat Energy Changes in Chemical Reactions
CC16-17 Fuels, Earth and Atmospheric Science

Physics

CP7/8 Energy, Forces and their Effects
CP9 Electricity and Circuits
CP10/11 Magnetism and the Motor Effect, Electromagnetic Induction
CP12/13 Particle Model, Forces and matter