

Science Portions for First Term Examination – Jan, 2022

Year 7 and Year 8

Year 7 - Science - Exploring Science International –Year 7

Unit 7A Cells, tissues, organs and systems

7Aa Life Process

7A b Organs

7A c Tissues

7A c Microscopes (WS)

7Ad Cells

7A e Organ Systems

Unit 7C Muscles and Bones

7Ca Muscles and breathing

7Cb Muscles and blood

7Cc The skeleton

7C d Muscles and moving

7Ce Drugs

Unit 7E Mixtures and Separation

7Ea Mixtures

7Eb Solutions

7Ec Evaporation

7Ec Safety when heating (WS)

7Ed Chromatography

7Ee Distillation

Unit 7G Particle Model

7G a Solids, liquids and gases

7Gb Hypothesis and theories (WS)

7G b Particles

7G c Brownian motion

7G d Diffusion

7G e Air Pressure

Unit 7I Energy

7I a Energy from food

7Ia Fair comparisons and ratios (WS)

7I b Energy transfers and stores

7I c Fuels

7I d Other energy resources

7I e Using resources

Unit 7K Forces

7K a Different forces

7K b Springs

7K c Friction

7K d Pressure

7K d SI units (WS)

7K e Balanced and unbalanced

Year 8 - Science - Exploring Science International - Year 8

Unit 8A Food and Nutrition

8Aa Nutrients

8Ab Uses of Nutrients

8Ac Balanced Diets

8Ad Digestion

8Ae Absorption

Unit 8B Plants and Reproduction

8Ba Classification and biodiversity

8Ba Accuracy and estimates (WS)

8Bb Types of reproduction

8Bc Pollination

8Bd Fertilisation and dispersal

8Be Germination and growth

Unit 8E Combustion

8Ea Burning Fuels

8Eb Oxidation

8Ec Fire Safety

8Ec Fair Testing (WS)

8Ed Air Pollution

8Ee Global Warming

Unit 8F The Periodic Table

8Fa Dalton's Atomic Model

8Fb Chemical properties

8Fc Mendeleev's Table

8Fc Anamolous results (WS)

8Fd Physical Trends

8Fe Chemical Trends

Unit 8J Light

8Ja Light on the move

8Jb Drawings and Conventions (WS)

8Jb Reflection

8Jc Refraction

8Jd Cameras and eyes

8Jd Looking after our eyes (STEM)

8Je Colour

Unit 8K Energy Transfers

8Ka Temperature and changes

8Kb Transferring energy

8Kc Controlling transfers

8Kc Accuracy and prscision (WS)

8Kd Power and efficiency

8Ke Paying for energy