GRADE 8 INTEGRATED SCIENCE RECORDS OF WORK 2027

Terms 1, 2 and 3 | Ministry of Education calendar 2027 (Pre-primary, Primary and Junior School) | 5 lessons a week

Teacher's name _____ School _____

Class / stream _____ TSC number _____

TERM 1

Wk	Dates	Strand / sub-strand	Work covered	Reflection / remarks	Sign
1	4 Jan - 8 Jan (5 lessons)	**1.0 Mixtures, Elements and Compounds** - 1.1 Elements and Compounds	1. Atoms and elements 2. Molecules and compounds 3. The relationship between atom, element, molecule and compound 4. Elements and compounds on packaging labels 5. Why scientists use symbols		
2	11 Jan - 15 Jan (5 lessons)	**1.0 Mixtures, Elements and Compounds** - 1.1 Elements and Compounds	1. Symbols from English names 2. Symbols from Latin names 3. Symbols game and review 4. Elements in compounds 5. Word equations		
3	18 Jan - 22 Jan (5 lessons)	**1.0 Mixtures, Elements and Compounds** - 1.1 Elements and Compounds	1. Forming sodium chloride and water 2. Forming carbon dioxide 3. Forming copper oxide 4. Forming aluminium oxide 5. Uses of elements in jewellery and medals		
4	25 Jan - 29 Jan (5 lessons)	**1.0 Mixtures, Elements and Compounds** - 1.1 Elements and Compounds - 1.2 Physical and chemical changes	1. Uses of elements in construction and electricity 2. Elements as food nutrients and minerals 3. Project and review: elements and compounds in our lives 4. The three states of matter 5. Kinetic theory: particles in solids		
5	1 Feb - 5 Feb (5 lessons)	**1.0 Mixtures, Elements and Compounds** - 1.2 Physical and chemical changes	1. Particles in liquids and gases 2. Diffusion in liquids 3. Diffusion in gases 4. Temperature and the speed of particles 5. Melting point of ice		
6	8 Feb - 12 Feb (5 lessons)	**1.0 Mixtures, Elements and Compounds** - 1.2 Physical and chemical changes	1. Boiling point of water 2. Drawing the heating curve 3. Interpreting heating curves 4. Effect of impurities on melting point 5. Effect of impurities on boiling point		