GRADE 9 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 Structure of the atom	1. Atoms and elements 2. Protons, neutrons and electrons 3. Drawing the structure of an atom 4. Atomic number 5. Mass number		
2	11 Jan - 15 Jan (5 lessons)	**1.0 Mixtures, Elements and Compounds** - 1.1 Structure of the atom	1. Finding the number of neutrons 2. Electron arrangement 3. Electron arrangements of the first 20 elements 4. Dot and cross diagrams of atoms 5. More dot and cross diagrams		
3	18 Jan - 22 Jan (5 lessons)	**1.0 Mixtures, Elements and Compounds** - 1.1 Structure of the atom - 1.2 Metals and Alloys	1. Classifying elements as metals and non-metals 2. Metals and non-metals around us 3. Project: modelling atoms with local materials 4. Why atomic structure matters: review 5. Metals in our environment		
4	25 Jan - 29 Jan (5 lessons)	**1.0 Mixtures, Elements and Compounds** - 1.2 Metals and Alloys	1. Practical: state, lustre and sonority of metals 2. Practical: malleability and ductility 3. Practical: electrical conductivity 4. Practical: thermal conductivity 5. Summary of the physical properties of metals		
5	1 Feb - 5 Feb (5 lessons)	**1.0 Mixtures, Elements and Compounds** - 1.2 Metals and Alloys	1. What an alloy is 2. Composition of steel and stainless steel 3. Composition of brass, bronze and duralumin 4. Finding alloys in our locality 5. Uses of common metals		
6	8 Feb - 12 Feb (5 lessons)	**1.0 Mixtures, Elements and Compounds** - 1.2 Metals and Alloys	1. Uses of alloys and why they matter 2. Practical: conditions for rusting 3. Effects of rusting 4. Preventing rusting 5. Metals and alloys in daily life: review		