GRADE 11 BIOLOGY RECORDS OF WORK 2027

Terms 1, 2 and 3 | Ministry of Education calendar 2027 (Senior 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 Cell Biology and Biodiversity** - 1.1 Taxonomy I	1. Meaning of taxonomy and classification 2. Significance of classification 3. The hierarchy of taxonomic units 4. Binomial nomenclature 5. Naming local organisms using binomial nomenclature		
2	11 Jan - 15 Jan (5 lessons)	**1.0 Cell Biology and Biodiversity** - 1.1 Taxonomy I	1. The five-kingdom system and general characteristics 2. Kingdom Monera 3. Kingdom Protoctista 4. Kingdom Fungi 5. Kingdoms Plantae and Animalia: general characteristics		
3	18 Jan - 22 Jan (5 lessons)	**1.0 Cell Biology and Biodiversity** - 1.1 Taxonomy I - 1.2 Ecology	1. Field and laboratory work: classifying organisms into the five kingdoms 2. Economic importance of Kingdom Monera 3. Economic importance of Kingdoms Protoctista and Fungi 4. Taxonomy and biodiversity conservation; review 5. Ecological terms		
4	25 Jan - 29 Jan (5 lessons)	**1.0 Cell Biology and Biodiversity** - 1.2 Ecology	1. Characteristics of forest and grassland ecosystems 2. Characteristics of desert and aquatic ecosystems 3. Adaptations of plants: xerophytes, mesophytes, hydrophytes and halophytes 4. Adaptations of desert and aquatic animals 5. Characteristics of populations		
5	1 Feb - 5 Feb (5 lessons)	**1.0 Cell Biology and Biodiversity** - 1.2 Ecology	1. Factors affecting populations: biotic and abiotic 2. Estimating population size: direct count and the quadrat method 3. Line and belt transects 4. Capture-recapture and simulating population estimation 5. Nutrient cycling in ecosystems		
6	8 Feb - 12 Feb (5 lessons)	**1.0 Cell Biology and Biodiversity** - 1.2 Ecology	1. The nitrogen cycle 2. The carbon cycle 3. Air pollution 4. Water and soil pollution 5. Community study: effects of pollution in the locality		