GRADE 11 AGRICULTURE RECORDS OF WORK 2027

Terms 1, 2 and 3 | Ministry of Education calendar 2027 (Senior School) | 6 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 (6 lessons)	**1.0 Crop Production** - 1.1 Inorganic fertilisers	1. Plant nutrients: what plants need from the soil 2. Roles of the primary nutrients: nitrogen, phosphorus and potassium 3. Roles of secondary nutrients and micronutrients 4. Practical: observing crops with nutrient deficiency symptoms 5. Categories of inorganic fertilisers: nitrogenous fertilisers 6. Phosphatic, potassic and compound fertilisers		
2	11 Jan - 15 Jan (6 lessons)	**1.0 Crop Production** - 1.1 Inorganic fertilisers	1. Practical: identifying and categorising fertiliser samples 2. Soil sampling: why, when and how 3. Practical: collecting a soil sample on the school farm 4. Practical: testing soil pH and reading a soil test report 5. Calculating fertiliser rates 6. Methods of applying inorganic fertilisers; Practical: applying fertiliser		
3	18 Jan - 22 Jan (6 lessons)	**1.0 Crop Production** - 1.1 Inorganic fertilisers - 1.2 Water conservation	1. Soil amendment practices for crop production 2. Importance and responsible use of inorganic fertilisers 3. Irrigation: meaning, need and sources of water 4. Surface irrigation: basin, furrow and flood 5. Overhead (sprinkler) irrigation 6. Drip (trickle) irrigation		
4	25 Jan - 29 Jan (6 lessons)	**1.0 Crop Production** - 1.2 Water conservation	1. Comparing irrigation methods and choosing the right one 2. Efficient approaches to irrigation: saving water 3. Practical: setting up a low-cost drip kit 4. Practical: measuring how much water a crop is given 5. Problems of irrigation and how to manage them 6. Importance of irrigation in crop production in Kenya		
5	1 Feb - 5 Feb (6 lessons)	**1.0 Crop Production** - 1.3 Vegetative propagation	1. Vegetative propagation: meaning, advantages and disadvantages 2. Natural propagules: suckers, slips, crowns, splits, rhizomes, tubers and bulbs 3. Propagation by cuttings 4. Practical: preparing and planting stem cuttings 5. Propagation by layering 6. Practical: simple layering and air layering		