

# AGRICULTURAL MANAGEMENT PRACTICES: GRADE 11

# ANNUAL TEACHING PLAN 2021

**NB Content** relates to one crop and one animal production enterprise. School should have the required facilities. Although content is divided into terms schools can decide with which enterprise to start.

Term 1 45 days	Week 1 27-29 January (3 days)	Week 2 1-5 February (5 days)	Week 3 8-12 February (5 days)	Week 4 15-19 February (5 days)	Week 5 22-26 February (5 days)	Week 6 1-5 March (5 days)	Week 7 8-12 March (5 days)	Week 8 15-19 March (5 days)	Week 9 23-26 March (4 days)	Week 10 29-31 March (3 days)
CAPS Topic	(CAPS pg 23) CROP PRODUCTION		(CAPS pg 23) SOIL AND WATER MANAGEMENT						(CAPS pg 23) FERTILISER MANAGEMENT AND APPLICATION	
Core Concepts, Skills and Values	Investigate at least one specific agricultural crop with regard to the following: <input type="checkbox"/> main production areas in the RSA and its potential role in industry <input type="checkbox"/> overview of economic importance of crop production.	One specific agricultural crop: <input type="checkbox"/> classification of crops according to agronomic characteristics of seed and plant <input type="checkbox"/> growth curve and critical period during growth.	One specific agricultural crop: <input type="checkbox"/> important cultivars available in each selected crop <input type="checkbox"/> reasons for the use of each cultivar.	Soil sampling and profile studies.	Soil characteristics and properties.	<input type="checkbox"/> soil cultivation and tillage practices (methods and aims).	crop: <input type="checkbox"/> irrigation (methods and types) <input type="checkbox"/> water scheduling where applicable.	<input type="checkbox"/> Drainage (methods and types): <input type="checkbox"/> Planning of a drainage system One specific agricultural crop: <input type="checkbox"/> climatic requirements: -precipitation. -temperature. -evaporation. -radiation; and humidity. <input type="checkbox"/> Use of weather information	One specific agricultural crop <input type="checkbox"/> soil and plant analysis <input type="checkbox"/> fertilising methods and programme	One specific agricultural crop <input type="checkbox"/> fertilising according to soil analysis.
Requisite Pre-Knowledge	Link with Grade 9 NS									
Resources (other than textbook) to enhance learning	Past examination papers / Agricultural Management Practices notes.									
Informal Assessment	Questions from past papers, tests, practical work & worksheets									
SBA and PAT (Formal Assessment)	<b>TASK 1: Assignment (25%)</b> Assignment should relate to the work and must be completed during the first term. <b>PAT: Management overview.</b> Research on Management overview done in class time <b>PAT Practical: at least 2 must be done for the term.</b> PAT practical's/application must relate to topics covered in this term <b>PAT Logsheet: Upkeep as learners attend practical</b>							<b>TASK 2: TEST 1 (75%) of Term1</b> - Learners must write a formal test during the end of the term not shorter than 1 hour or 75 marks		

Term 2 51 days	Week 1 13 – 16 April (4 days)	Week 2 19 – 23 April (5 days)	Week 3 28 – 30 April (3 days)	Week 4 03 – 07 May (5 days)	Week 5 10 – 14 May (5 days)	Week 6 17 – 21 May (5 days)	Week 7 24 – 28 May (5 days)	Week 8 31 May – 4 June (5 days)	Week 9 07 – 11 June (5 days)	Week 10 14 – 18 June (5 days)	Week 11 21 – 25 June (5 days)
CAPS Topic	(CAPS pg. 25) Crop Management Aspects							(CAPS pg 26) Animal Production			Revision of content
Core Concepts, Skills and Values	Crop establishment practices <input type="checkbox"/> Basic principles and terminology (e.g. plant density, depth, planting time, treatment of seed, methods, etc).	<input type="checkbox"/> Weeds: types, identification, prevention, and methods of control. <input type="checkbox"/> Diseases: types, identification, prevention, and methods of control.	<input type="checkbox"/> Pests: types, identification, prevention and methods of control.	<input type="checkbox"/> principles of crop rotation, monoculture and inter-cropping; and <input type="checkbox"/> methods of crop protection.	<input type="checkbox"/> calibration and setting of different farm implements; and <input type="checkbox"/> precision farming.	<input type="checkbox"/> manipulation of plant growth <input type="checkbox"/> keeping records	Crop protection programme <input type="checkbox"/> Production-related legislation, management.	<input type="checkbox"/> economic importance <input type="checkbox"/> potential role in industry <input type="checkbox"/> main areas of production.	<input type="checkbox"/> breed standards (evaluating and judging a breed), including selection of breeding stock (progeny testing, general , etc)	<input type="checkbox"/> breeding systems (e.g. cross breeding and inbreeding); and <input type="checkbox"/> breeding aids (e.g. stud book registers and production)	Finalise practical and Management overview
Requisite Pre-Knowledge	Link with Grade 9 NS										
Resources (other than textbook) to enhance learning	Past examination papers / Agricultural Management Practices notes.										
Informal Assessment	Questions from past papers, tests, practical work & worksheets										
SBA and PAT (Formal Assessment)	<b>PAT Management overview:</b> Assist in completion for end of term submission. Research on Management overview done in class time <b>PAT Practical:</b> Learners should at least do 2 practical activities. In this term <b>PAT Logsheet:</b> Upkeep as learners attend practical								<b>Task 3: Controlled test T2 (100%) of term 2</b>		

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Term 3 52 days	Week 1 13 – 16 July (4 days)	Week 2 19 – 23 July (5 days)	Week 3 26 – 30 July (5 days)	Week 4 02 – 06 August (5 days)	Week 5 10 – 13 August (4 days)	Week 6 16 – 20 August (5 days)	Week 7 23 – 27 August (5 days)	Week 8 30 Aug. – 03 Sept (5 days)	Week 9 06 – 10 Sept (5 days)	Week 10 13 – 17 Sept (5 days)	Week 11 20 – 23 Sept (3 days)		
CAPS Topic	(CAPS pg 26) Animal Management Aspects												
Core Concepts, Skills and Values	One specific farm animal: □ housing and facilities: types and functions □ after-care: dehorning, castration, identification, etc.	One specific farm animal: □ animal handling and facilities).	Reproduction: aspects of the production unit (oestrus cycle, mating, artificial insemination, embryo transplant, cloning, gestation period and service register	□ Basic veterinary practices: diagnostic procedure, blood smear, blood sample and tissue sample. □ Immunology: active and non-active.	□ control diseases: types, identification of symptoms, prevention and methods of control	□ Parasitology: internal and external types, identification, prevention and methods of control.	□ feeding aspects according to physiology status □ requirements, rations, procedures and methods.	Keeping records (physical, production, financial and animal health programs). □ production-related legislation □ farmer health issue □ risk management.	Revision and finalise Pat				
	Link with Grade 9 NS												
	Own developed Power Point slides and videos, past examination papers												
	Past examination papers, practical work												
	TASK 4: TERM TEST – 100% of TERM: TERM 3 Content :75-100 marks PAT Management overview: Submit for marking PAT Practical: At least 2 Practicals should be completed based on production enterprises. Should cover all enter proses. PAT Log sheet: Upkeep as learners attend practical												

Term 4 47 days	Week 1 05 – 08 October (4 days)	Week 2 11 – 15 October (5 days)	Week 3 18 – 22 October (5 days)	Week 4 25 – 29 October (5 days)	Week 5 01 – 05 November (4 days)	Week 6 08 – 12 November (5 days)	Week 7 15 – 19 November (5 days)	Week 8 22 – 26 November (5 days)	Week 9 29 Nov – 03 Dec (5 days)	Week 10 06 – 08 Dec (3 days)
CAPS Topic	(CAPS pg 22) Rangeland Management						<div>PAPER 1</div> <div>Marks: 200 Time: 3 hours <i>Learners must answer all 4 questions.</i></div> <div>Section A: Question 1<ul style="list-style-type: none"><li>Short questions, objective questions e.g. MCQ, terminology, columns/statements and items (50 marks)</li></ul>Section B: Question 2 – 4<ul style="list-style-type: none"><li>Variety of question types.</li><li>3 questions of 50 marks divided into subsections</li></ul></div> <div>Cognitive levels: Knowledge – 40%; Comprehension and Application-40%; Analysis, Evaluation and Synthesis– 20%</div>			
Core Concepts, Skills and Values	<input type="checkbox"/> objectives of veld management.; and <input type="checkbox"/> grazing systems: extensive and intensive principles (selective grazing, non-selective grazing, rotational grazing, etc.)		Carrying capacity and relevant terminology	Veld composition and determining carrying capacity	Use (fodder flow planning)	Revision and Finalise Pat				
Resources (other than textbook) to enhance learning	Past examination papers									
SBA and PAT (Formal Assessment)	Calculate SBA Marks (25%) SBA: TASK 6 FINAL examination (50%) PAT Practical: At least 2 Practicals should be completed based on production enterprises. Should cover all enterproses. PAT Write Management Test – Based on practical and management overview PAT Finalise mark calculation for all components and submission of marksheets (TASK 5) (25%)									