

CAMBRIDGE IGCSE

Agriculture 0600

Syllabus Overview

Examinations 2027 and 2028

Understanding the whole syllabus

Scientific ideas become useful when they explain observations and predict what may happen in a new situation. The syllabus links factual knowledge with models, calculations and evidence. Practical skills run through the subject: measurements, variables, graphs and evaluation belong alongside the theory they help you understand.

For Agriculture 0600, the content map below follows the approved subject briefing and the official syllabus. Labels group related areas for orientation; the detailed syllabus remains the authority for individual learning requirements.

Content map

Syllabus area or component	What the area covers
1-3: Farming, soil and plant growth	The syllabus covers ten connected areas. You will begin with general agricultural principles and examine the factors affecting farming systems. You will study soil formation, composition, fertility and conservation, followed by plant growth and the scientific processes that support healthy crop development.
4-7: Crops and livestock	The course then explores crop production and protection, including cultivation, nutrition, weeds, pests and diseases. In the livestock sections, you will learn about animal anatomy and physiology, feeding, production, health and disease prevention.
8-10: Pasture, breeding and farm resources	You will also study pasture management, crop and livestock breeding, agricultural structures, tools and machinery. Practical work runs throughout the course, helping you connect scientific principles with real agricultural activities.

These areas should be read as a connected course. Begin with the foundational knowledge identified in the first part of the map, then build towards the applications and explanations that depend on it. Keep definitions, diagrams, calculations and investigation skills connected. Revisit measurements and graphs while studying each topic, rather than saving practical preparation until the end. Where a row describes a choice of topics or components, study the selection required by your agreed route rather than treating all alternatives as compulsory.

Qualification and component choices

All candidates follow the component structure shown in the Assessment Overview. There is no separate Core/Extended route in this syllabus.

An approved centre must provide practical coursework supervision, assessment and authentication. Private entry is unavailable.

The assessed skills

Assessment objectives describe the abilities Cambridge looks for across the qualification. The following explanations paraphrase the syllabus objectives; they are not additional topics or separate orientation tasks.

Assessment objective	Meaning for the learner
AO1 Knowledge and understanding	Select accurate subject knowledge, terminology and examples that answer the question, and explain their meaning.
AO2 Handling information and solving problems	Interpret the information, apply an appropriate method and explain the relationships or reasoning that support the answer.
AO3 Practical skills and investigations	Plan and understand methods, record and interpret observations, and evaluate the quality of an investigation.

These abilities work together in an answer. Accurate knowledge supports application, while a clear explanation shows how the evidence or method leads to a conclusion. The balance varies by component, so the next lesson connects these abilities with the actual assessment formats.

Key pointers: Follow the stated examination-year syllabus, cover the required areas for your route and develop skills alongside knowledge. **Next:** Open **Assessment Overview**.