

Grade 10 Electrical Technology

Term 1 - 60 complete lesson plans

Ready to teach, in the KICD lesson-plan format | 40-minute lessons | PDF and editable Word

ABOUT THIS PACK

60 complete, ready-to-teach Grade 10 Electrical Technology lesson plans for Term 1, covering introduction to electrical technology, D.C circuits, capacitors and capacitance, cells and batteries and magnetism.

TOPICS IN THIS PACK

Topic	Name	Lessons
1.1	Introduction to Electrical Technology	10
1.2	D.C Circuits	18
1.3	Capacitors and Capacitance	8
1.4	Cells and Batteries	10
2.1	Magnetism	14

INSIDE EVERY LESSON PLAN

- The specific learning outcomes, key inquiry question, core competencies, values and PCIs, and the resources needed.
- A timed lesson flow: what the teacher does and what the learners do, from introduction to summary.
- The key content (a worked example, notes or a practical with its expected results), then four practice questions with the answers for the teacher.
- The common mistake to watch for, and ideas for learners who need support and for those ready for more.
- A four-level CBC assessment rubric (EE, ME, AE, BE), homework, and a blank reflection space to fill in after teaching.

A TASTE OF LESSON 1

What electrical technology is, and how electricity is used

By the end of the lesson, the learner should be able to: a) explain what electrical technology is; b) list the uses of electricity at home, in school and in the community

Electrical technology

Electrical technology is the study and application of electricity: how it is produced, carried, controlled, measured and used, and how the equipment that uses it is made, installed, maintained and repaired. It covers the wires in a building, the machines in a factory, the phone in your pocket and the power station many kilometres away.

You also receive this pack as an editable Word file, so you can change any lesson to suit your class before you print it. Lessons follow the order of the KICD curriculum design.