

Grade 10 Power Mechanics

Term 1 - 42 complete lesson plans

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

ABOUT THIS PACK

42 complete, ready-to-teach Grade 10 Power Mechanics lesson plans for Term 1, covering overview of power mechanics as a learning area, evolution of automobile, power mechanics workshop layout and general workshop rules and regulations.

TOPICS IN THIS PACK

Topic	Name	Lessons
1.1	Overview of Power Mechanics as a learning area	8
1.2	Evolution of automobile	8
1.3	Power mechanics workshop layout	8
1.4	General workshop rules and regulations	18

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 power mechanics is and where we meet it every day

By the end of the lesson, the learner should be able to: a) describe power mechanics as a learning area; b) give examples of machines and vehicles from power mechanics in the community

What is power mechanics?

Power mechanics is the study of engines, vehicles and machines that make or use power, and of how to look after them. It covers how they work, how they are built, how to find faults, and how to repair and service them safely.

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.