

Grade 10 Mathematics

Term 3 - 58 complete lesson plans

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

ABOUT THIS PACK

58 complete, ready-to-teach Grade 10 Mathematics lesson plans for Term 3, covering vectors I, linear motion, statistics I and probability 1.

TOPICS IN THIS PACK

Topic	Name	Lessons
2.8	Vectors I	15
2.9	Linear Motion	15
3.1	Statistics I	16
3.2	Probability 1	12

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

Scalar and vector quantities

By the end of the lesson, the learner should be able to: a) explain the difference between a scalar and a vector quantity; b) classify quantities as scalars or vectors

Scalars and vectors

A scalar has size (magnitude) only: distance, speed, mass, time, temperature, area, volume. A vector has size and direction: displacement, velocity, force, acceleration, weight.

A pupil walks 3 km east and then 4 km north. The distance walked is $3 + 4 = 7$ km (a scalar). The displacement is the straight line from the start to the end: 5 km on a bearing of about 037° (a vector).

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.