

Grade 10 Biology

Term 3 - 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 Biology lesson plans for Term 3, covering nutrition, transport and gaseous exchange and respiration.

TOPICS IN THIS PACK

Topic	Name	Lessons
3.1	Nutrition	12
3.2	Transport	24
3.3	Gaseous exchange and Respiration	24

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

Feeding in animals: why mouthparts and beaks differ

By the end of the lesson, the learner should be able to: a) explain what is meant by adaptation to a mode of feeding; b) state the types of feeding shown by insects and birds

Adaptations for feeding

Animals differ in the food they eat and in how they obtain it. The structures they use (mouthparts, beaks, teeth) have a shape suited to their food: this is called adaptation. Insects (the largest group of animals) all have the same basic mouthparts, but these are changed in different insects to suit their feeding methods.

The main types of insect feeding: biting and chewing (locust, cockroach); piercing and sucking (mosquito, aphids); siphoning (butterfly, moth); sponging (housefly); cutting and sucking (tsetse fly). Birds have no teeth; their beaks are adapted to their food: seeds, nectar, flesh, fish, insects, fruits, wood and algae.

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.