Outdoor Environmental Education Africa (OEEA)
Established 1999 · www.oeea.co.za · Ecology-centred outdoor learning

Sample CAPS worksheet

This is a **sample** worksheet, not the full OEEA workbook. Full workbooks are shared with schools after booking and payment.

Grade 7

South African Biomes

Learning outcome: Learners map and compare South Africa's major biomes.

This sample worksheet supports OEEA's CAPS-coded programmes for Grade 7. OEEA's ecology-centred outdoor programmes draw on the NAAEE Guidelines for Excellence in Environmental Education.

Learner name _____ School _____ Date _____

Activity 1 — Map & label major SA biomes (text outline)

South Africa's major biomes include (among others): **Savanna (Bushveld)**, **Grassland**, **Fynbos**, **Nama-Karoo**, **Succulent Karoo**, **Forest**, and **Thicket**. Use the outline boxes below as a simple "map" when a printed outline map is not available.

Rough region of South Africa	Biome name(s) I place here	One plant or animal clue
North / north-east inland (Bushveld & Inland feel)		
Central / Highveld & Mountains		
West / dry interior		
South-west winter-rainfall zone		
East / south-east moist or coastal zone (Lowveld & Coasts feel)		

Biome where our outdoor learning today most closely belongs: _____

Activity 2 — Compare climate and vegetation of two biomes

Choose **two** biomes (one can be the biome of today's programme).

Feature	Biome A: _____	Biome B: _____
Typical climate (hot/cold, wet/dry, seasonal rain?)		
Typical vegetation		
One animal adapted to this place		
One challenge living things face here		

Activity 3 — Human impact note (one biome)

Pick **one** biome. Describe one way human activity can change it (for example farming, urban growth, roads, pollution, or tourism done carelessly). Stay factual and fair — no invented statistics.

Biome: _____

Human impact I am thinking about:

Possible effect on plants or animals:

Activity 4 — Stewardship action idea

Write **one** realistic action a Grade 7 learner or school class could take to care for nature linked to this biome or to South African biodiversity more widely.

My stewardship action:

Who would help me do it? _____ **When?** _____

Teacher note (Grade 7)

Before the tour: Locate major SA biomes on a classroom map. Introduce climate vs vegetation vocabulary.

During the tour: Link what learners see (plants, soils, insects, birds) to the biome of the programme region — Bushveld & Inland, Highveld & Mountains, or Lowveld & Coasts — without naming specific commercial venues.

After the tour: Complete the comparison table and stewardship plan. Invite learners to present one biome contrast to the class.

Safety (high level): Follow all guide briefings; respect wildlife distance rules; sun, water, and footing awareness outdoors; never leave the designated group area.

Leaving Footprints in Young Hearts for Nature and Wildlife.