



LIMPOPO

PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF
EDUCATION

GET: INTERMEDIATE PHASE

GRADE 5

NATURAL SCIENCES AND TECHNOLOGY

15 AUGUST 2025

TERM 3 PRACTICAL MEMORANDUM

MARKS: 20

MEMORANDUM

PART 1

- 1.1 Answers will vary. ✓✓ (2)
- 1.2 Flame from match. ✓ (1)
- 1.3 Wax from candle. ✓ (1)

PART 2

- 2.1.1 The flame starts to flicker and eventually goes out. ✓ (1)
- 2.1.2 Answers will vary, e.g.: no air, no oxygen. ✓✓ (2)
- 2.1.3 Fuel, oxygen and heat. ✓✓✓ (3)
- 2.2.1 TABLE: One mark can be given if all estimated times are recorded. ✓ (1)
- 2.2.2 Answers will vary – should link air/oxygen to life of flame. ✓✓ (2)
- 2.2.3 TABLE: One mark if all actual times are recorded. ✓ (1)
- 2.3
- a) The candle under the smaller jar. ✓ (1)

- b) There is less air and so less oxygen filled the space in the smaller jar.✓ (1)
- c) The candle under the largest jar.✓ (1)
- d) The jar is larger and so it holds more air and has more oxygen that is needed for the candle to burn.✓ (1)
- e) The candle that was not covered.✓ (1)
- f) The candle still has fuel, oxygen and heat.✓ (1)

TOTAL: 20 MARKS