



basic education

Department:
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REPUBLIC OF SOUTH AFRICA

**NATIONAL
SENIOR CERTIFICATE
NASIONALE
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GRADE/GRAAD 10

**PHYSICAL SCIENCES: PHYSICS (P1)
FISIESE WETENSKAPPE: FISIKA (V1)**

EXEMPLAR/MODEL 2012

MEMORANDUM

MARKS/PUNTE: 150

**This memorandum consists of 11 pages.
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