



Subject

select **Year 11 Earth and Environmental Science - 2018**

Task: Practical Exam

Number: 1

Due Date: Wednesday 28 March, Session 4 at Room Y417

Weighting: 25% of Year 11 Assessment

Duration: 1 hour

Outcomes to be assessed:

EES11-1, EES11-2, EES11-3, EES11-4, EES11-5, EES11-6, EES11-7

All course outcomes, with the exception of working individually and in teams, and values and attitudes, are assessed in this examination

Syllabus Topics

Earth's Resources 1.1.3, 1.1.4, 1.2.2, 1.2.3, 1.2.4, 1.2.6, 1.2.7

Task Description

Three questions relating to four practical experiences (1.1.4 – density investigation; 1.2.3 - minerals investigation; 1.2.4 rocks investigation; & 1.2.7 soil investigation) will be carried out by students individually.

Marking Criteria

Three questions of 20 minutes duration each.

Each question is of the same value.

Students are permitted to bring to the practical task their mineral identification sheet and their rock identification sheet. No other printed material will be permitted.

Students will be assessed on their ability to:

- Identify, describe and classify a range of minerals, rocks and soils.
- Use critical thinking skills to solve scientific problems related to minerals, rocks and soil.
- Design and carry out an investigation to acquire accurate and reliable first hand information of rock density and soil properties.
- Write a scientific report of a first hand investigation
- Evaluate accuracy, reliability and validity of results of an investigation

This is a formal assessment task in accordance with NSW Education Standards Authority and Georges River College guidelines. Refer to the Assessment Policy and Schedules booklet for details of your responsibilities and the procedures to follow in case of illness or misadventure.