

TERANG COLLEGE

SCIENCE

POLICY (Student)

1. RATIONALE

Science education contributes to developing scientifically and technologically literate citizens who will be able to make informed decisions about their lifestyle, their environment and the kind of society in which they wish to live. They will be able to see the connections between science and people, note the relevance of science and technology to past achievements and current and future development and be aware of the impact of science and technology on society, the individual and the environment.

2. AIMS

- 2.1. To develop and foster an appreciation of the role of science of the physical, biological, chemical and technological world.
- 2.2. To expose students to the experimental approach of a scientist.
- 2.3. To develop interest and curiosity in science.
- 2.4. To provide a safe, meaningful and enjoyable learning environment.
- 2.5. To increase participation rates in senior science classes.
- 2.6. To ensure that all students have equal access to, and participate in, a wide range of science activities covering all the science strands.
- 2.7. To provide a pathway for students to study a variety of sciences at VCE level and beyond.

3. IMPLEMENTATION

- 3.1. Issues, actions and decisions relating to this policy will take into account Department of Education and Training policies, memos, guidelines and circulars Government Ministerial Orders and Acts.
- 3.2. The curriculum should be gender inclusive, encouraging all students to participate in science.
- 3.3. Science should build on students' interests.
- 3.4. Use should be made of a variety of teaching and learning strategies within a range of settings with an emphasis on practical work.
- 3.5. Science should be integrated with other subject areas where possible and appropriate.
- 3.6. Science classes should be taught by appropriately qualified teachers.
- 3.7. Science should reflect safe work practices.
- 3.8. In P-6, science will be integrated into thematic studies where appropriate.
- 3.9. For science in the F-10 themes/topics/units will be developed which are based on the learning outcomes of the Victorian Curriculum F-10.
- 3.10. The science curriculum across P-10 will be documented annually including links to any resources used.
- 3.11. The Science KLA leader will conduct discussions regarding the analysis, interpretation and use of collected data during PLT meetings to create strategies to improve student outcomes.
- 3.12. Sciences at VCE level will follow the appropriate accredited course descriptions as set by VCAA in their Study Designs.

4 EVALUATION

- 4.1 This policy will also be reviewed as part of the school's three-year review cycle.

Approved by College Council on 20/08/2018