

Strategic Plan 2013 to 2017

Learning Area: Science

Head of Learning Area: Aedan Lennon

Purpose and Core Values

- We are committed to increase teacher professional capacity so that student learning is enhanced through best teaching practice and innovation.
- We are committed to enabling students to develop their full potential so that they may make worthwhile contributions to the broader community.
- We are committed to building and maintaining Christian community.
- We are committed to the pursuit of Truth.

Vision

- We see the Science staff promoting, developing and maintaining high standards of professional performance to inspire and serve the students of Swan Christian College.
- We see Science staff who are dedicated to developing students God's given talents through deliberate, planned actions.
- We see teaching staff who embrace change that improves the engagement of students and facilitates higher order thinking.
- We see a Science Learning Area who promotes Science as fun, creative and engaging, all the while pointing students to God's creativeness.
- We see a staff who collaborate, support, encourage, and care for one another.

Strategies

- Pursue Godliness in our own lives. This can be done by learning about God through his word and by the revelation of the Holy Spirit.
- Observe each other's teaching practice and provide constructive feedback to help 'sharpen' our pedagogy.
- Professional learning to be tailored to individual needs by applying the eight people appraisal system
- Promote the learning area through deliberate, shared actions.

Three-Year Operational Goals

- Advanced Stream: extension through increased rigour, and extracurricular opportunities developed further.
- Improve student WACE performance in all Science courses to above accepted state and national benchmarks.
- Implementation of Australian Curriculum 7-10 (with Biblical perspectives).
- Refurbish the laboratory facilities to provide a more stimulating and contemporary learning environment.
- Ongoing, targeted, teacher professional learning.

Five-Year Operational Goals

- Increased number of students choosing Chemistry and Physics in Year 11 through to Year 12.
- All Year 12 teaching staff to be WACE markers or involved with Curriculum Advisory Council (CAC) for their particular course of study.
- Increased engagement with tertiary education providers and industry.
- Implementation of Australian Curriculum 11-12 (with Biblical perspectives).
- Continued teacher professional learning developing 'educators of excellence'.

Our Strategies to deliver on our Vision and five (5) year goal are:

- Continued review and detailing of programs and lessons.
- Additional reading for staff to assist in application of Biblical perspective to the classroom.
- Deploying outstanding 'mentor' teachers to assist the development of others.
- Increased engagement with outstanding schools and institutions for professional learning.

Challenges over the next 1 to 2 years are:

- Increasing enrolments in Years 11 and 12
- Developing extension, enrichment and remediation programs.
- Implementation of Australian Curriculum
- Presenting Biblical truth through the curriculum.