



SANDRINGHAM  
COLLEGE

# SCIENCE ACADEMY



The Sandringham College Science Academy is an innovative program that offers an engaging and challenging curriculum across both sites. It aims to promote academic rigour, independent learning and a passion for Science. The Science Academy provides real world science for students in Year 7 through to VCE with a range of activities designed to challenge and engage.

## Science Academy Vision:

*To develop a passion for learning and an inquiring mind in all students.*

## This will be achieved by:

- working with students in the primary and secondary setting
- working with experts and community groups
- investigating and researching real life science projects.

## Programs offered through the Science Academy

### Year 7

All students will participate in one week of a marine themed immersion unit. During core Science, students will gain skills and knowledge in preparation for this program.

### Year 8

Students elect to be a part of the Science Academy during Year 8. They will work with Year 10 mentors and a Science Academy staff member. Students will participate in science competitions selected on the basis of student interest and ability.

### Year 9

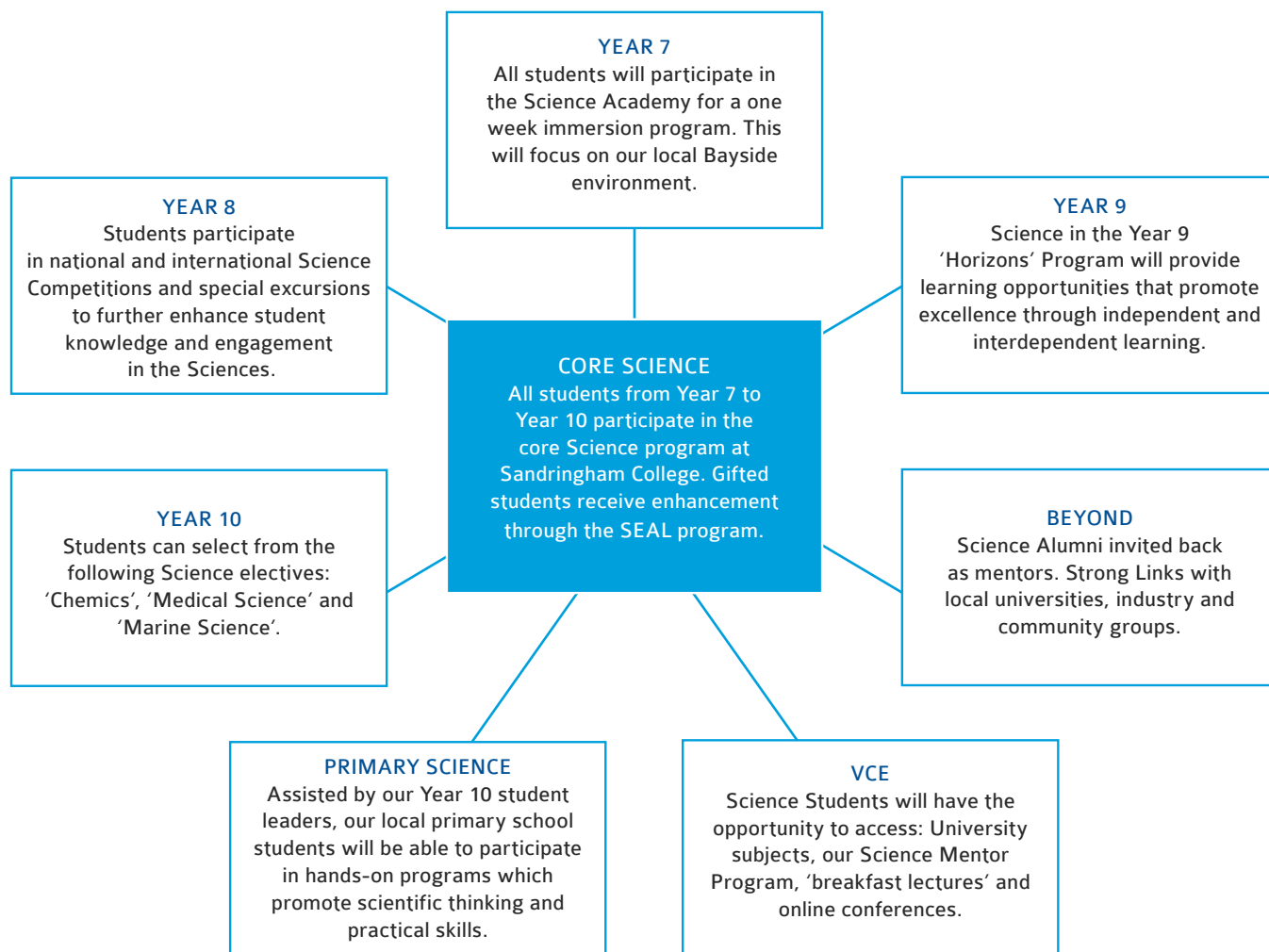
All Year 9 students will be enrolled in the Science Academy. They will have the opportunity, through the Horizons program, to work on an extended research task and choose an area of science to investigate.

### Year 10

Students have the opportunity to study Marine Science, Chemics and Medical Science as electives. They may also choose to be a Science Mentor. The mentoring program will involve working with Year 8 Science Academy students and assisting them with competitions and challenges as well as working with Primary School students.

### VCE

The VCE program focuses on connections. Students will be introduced to current research projects through a range of guest speakers and a variety of activities and challenges to be held during lunchtimes. VCE students are also invited to participate in the mentoring program and to build connections with alumni.



## Aims and Objectives

- to promote scientific endeavor
- to build curiosity and creativity of thought
- to link students to scientists in a variety of fields and enable them to access fieldwork
- to continue to challenge and extend students selecting the Sciences
- to create a program and experience that embodies the College Values and Vision

## Further Information

Please email: [sandringham.co@edumail.vic.gov.au](mailto:sandringham.co@edumail.vic.gov.au)

