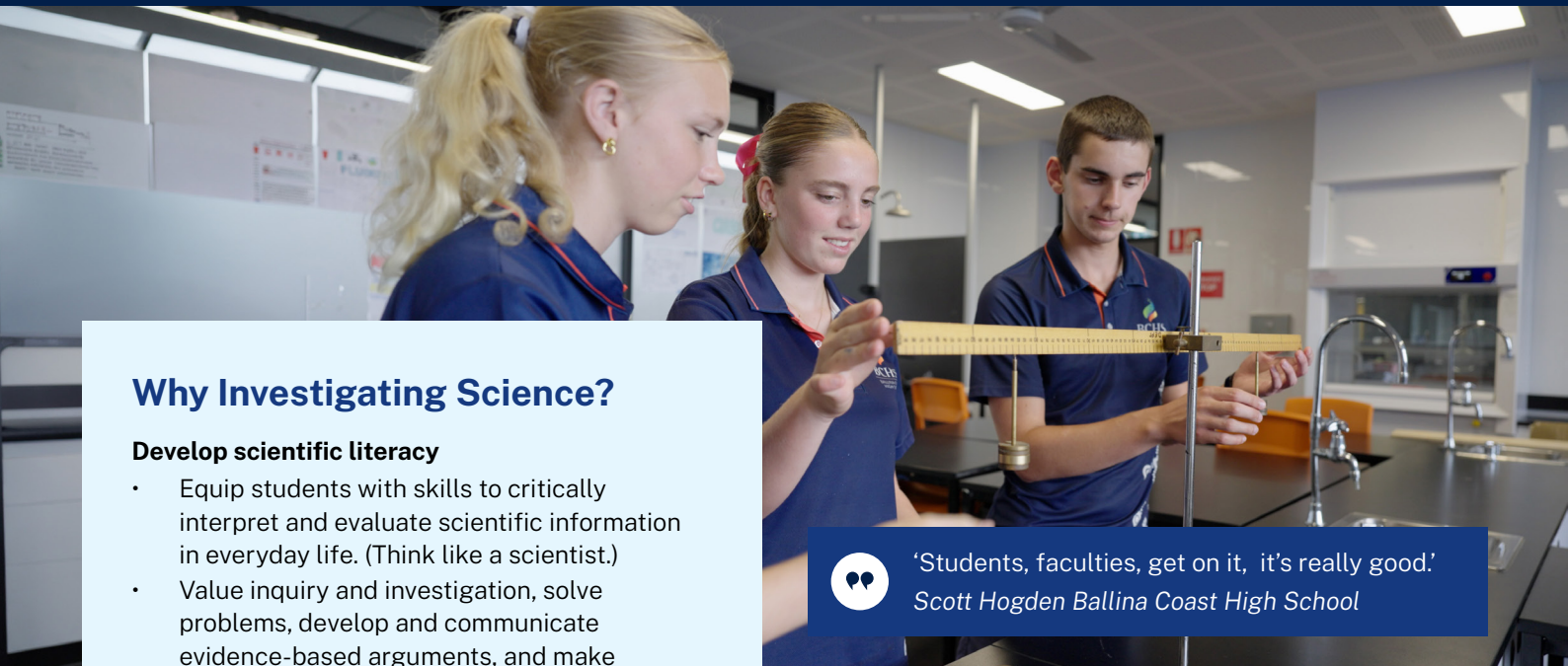


# Investigating Science

Building scientific literacy and STEM readiness



## Why Investigating Science?

### Develop scientific literacy

- Equip students with skills to critically interpret and evaluate scientific information in everyday life. (Think like a scientist.)
- Value inquiry and investigation, solve problems, develop and communicate evidence-based arguments, and make informed decisions.

### Supports all science disciplines

- Complements Biology, Chemistry, Physics, and Earth & Environmental Science learning.

### Prepares students for STEM Careers

- Hands-on investigations and problem-solving prepare students for further study and workforce demands.

### Global citizenship

- Develop of a range of capabilities that allow you to engage in all aspects of community life within a fast-changing technological landscape.



'Students, faculties, get on it, it's really good.'  
Scott Hogden Ballina Coast High School

## Course highlights

### Working Scientifically Skills at the Core

Master questioning, planning, conducting investigations, analysing data, problem-solving, and communicating findings.

### Depth Studies for Engagement

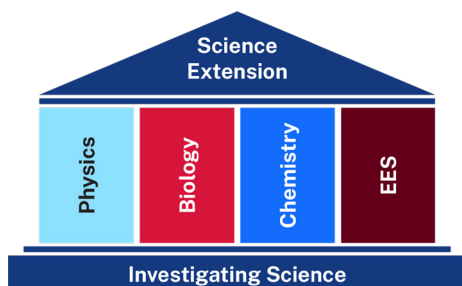
Opportunities for students to pursue individual or group investigations, fostering independent inquiry and creativity.

### Real-world and ethical focus

Explore contemporary issues such as sustainability, technology innovation, and social impacts of science.

## The place of investigating Science in Stage 6 science

Investigating Science underpins the other sciences as in not subordinate to them.



Investigating Science builds the skills that support deep learning about other science subjects.

## Benefits for Your School

- Develops students' critical thinking, creativity, and collaboration skills
- Prepares students for Higher School Certificate success and beyond
- Supports flexible teaching approaches tailored to student needs and interests
- Promotes ethical awareness and responsible scientific practice
- develops teacher understanding of scientific processes
- students can apply their working scientifically skills to other courses which improves their application of working scientific skills to other courses

[Investigating Science Stage 6 Syllabus \(2017\)](#)

**Start planning today!**

For support

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