Science and Technology @ St. Rose
What's different?

Science and Technology @ St. Rose
The New Syllabus

The intent of the syllabus...

Science and technology are of increasing importance and integral to our rapidly changing world. A student's sense of wonder and curiosity about the natural and made world is fostered through actively engaging in the processes of Working Scientifically and Working Technologically. Through questioning and seeking solutions to problems, students develop an understanding of the relationships between science and technology, and the significance of their contribution to and influence on society.
What's different?

The continuum of skills, knowledge and understanding has been strengthened. The Material World substrand includes outcomes related to the Natural Environment and the Made Environment. The outcomes and content integrate understanding about the development, uses and influence of science and technology on students' lives now and into the future. The skills, knowledge and understanding content provides specific guidance about the scope of student learning and how the outcomes can be interpreted. There is an emphasis on the role of scientists in the past, currently and their future influence.
2015 Science and Technology K–10 syllabus

Content Areas

Working Scientifically (investigating)
Working Technologically (design and creating)

Natural Environment – Physical world, Earth and Space, Living world
Natural and Made Environments – Material world
Made Environment – Built environments, Information, products
Science and Technology and your child

- The syllabus aims to:
- foster students' sense of wonder and expand their natural curiosity about the world around them in order to develop their understanding of, interest in, and enthusiasm for science and technology
- develop students' competence and creativity in applying the processes of Working Scientifically and Working Technologically to appreciate and understand the Natural Environment and Made Environment
- enhance students' confidence in making evidence-based decisions about the influences of science and technology in their lives
- enable students to confidently respond to needs and opportunities when designing solutions relevant to science and technology in their lives.
Working Scientifically

Scientific inquiry is a distinct way of finding answers to interesting questions and solutions to important problems about the natural world locally, nationally and globally, including shaping sustainable futures.

As students engage in posing questions, testing ideas, developing and evaluating arguments based on evidence, they demonstrate honesty and fairness in using the skills of Working Scientifically.
Working Scientifically
Working Technologically

The study of Technology involves solving real problems and creating ideas and solutions in response to needs and opportunities in a range of technological contexts.
Working Technologically
Year 3 Environment Audit