

Junior Science Faculty

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Head of Department: Mrs Vicky Nielsen

Teachers:

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Studies in Science

Science encompasses a range of technical stands that include the life sciences, physical sciences and chemistry across a number of topics in the junior school. A range of scientific processes and manipulation skills are developed and used by Science students at all grade levels.

Literacy and Numeracy skills are key capabilities for successful life and career futures. Students are engaged in experimental activities and a range of Information and Communications Technology (ICT) applications in order to effectively meet the learning intent set out by the Australian Curriculum. There are three main areas that link the topics/strands studied in the Australian Curriculum, they are: Sustainability (future focus), Asia-Pacific focus, and Embedding Indigenous Perspectives. Junior Science aims to develop critical thinking skills, which are paramount to Australia's social and economic future development.

Whether students are aiming for a career in Science or just looking to understand the fast-paced world around them, a scientific knowledge base will assist them to make informed choices and to better understand technological developments in our society.

Junior Science staff at North Rockhampton State High School have a range of skills to offer students and regularly undergo training and professional development to update and maintain currency.

Junior Science Subjects	
Year 7	Junior Science-Australian Curriculum
Year 8	Junior Science-Australian Curriculum
Year 9	Junior Science-Australian Curriculum
Literacy in Science	Students are exposed to a range of literacy activities to familiarise themselves with terminology and communication skills in Science.

eLearning in Science	
eLearning is embedded throughout all Junior Science Subjects. Some strategies and tools we use include:	
Data analysis	<ul style="list-style-type: none"> • Spreadsheets used to analyze, interpret and represent data. Equipment used to collect data.
Resources	<ul style="list-style-type: none"> • Laboratory equipment and access, ICT resources (computers, software). • Class sets of laptops. • Digital whiteboards. • Data loggers.