MATHEMATICS			
By the end of Year 3	By the end of Year 5	By the end of Year 7	By the
Students use their intuitive understandings of mathematical concepts as they identify and investigate mathematics inherent in real-life situations. They construct new knowledge by engaging in purposeful mathematical activities and investigations. They develop an understanding that mathematics is a way of thinking, reasoning and working. They see the place of mathematics in people's work and community lives.	Students use their existing understandings of mathematical concepts and processes to identify mathematics in a range of real-life situations. They understand that mathematics is a way of thinking, reasoning and working, and they construct new knowledge by engaging in a range of purposeful mathematical activities and investigations. They are aware that people of all ages and backgrounds engage in work related to mathematics.	Students develop and use their existing understandings of mathematical concepts and processes to solve real-life and abstract problems and issues. They understand that mathematics is a way of thinking, reasoning and working that can be applied to solve problems in a range of real-life and abstract investigations. They recognise the different applications of mathematics in work situations and a range of occupations.	Students mathem life and p in familia mathem mathem is used t issues p
Students use the essential processes of Ways of working to develop and demonstrate their Knowledge and understanding . They develop their ability to work mathematically by posing mathematical questions and by individually and collaboratively planning and conducting mathematical investigations. They reflect on their learning and are able to transfer their thinking and reasoning to familiar everyday situations. Students use tools and technologies, including information and communication technologies (ICTs). They explore the use of ICTs to inquire, create and communicate within mathematical contexts.	Students use the essential processes of Ways of working to develop and demonstrate their Knowledge and understanding . They individually and collaboratively plan and conduct mathematical activities and investigations, and develop solutions to questions, issues and problems. They reflect on their learning and are able to transfer their thinking	 Students use the essential processes of Ways of working to develop and demonstrate their Knowledge and understanding. They individually and collaboratively plan and conduct mathematical investigations, develop solutions to questions, problems and issues, and challenge the thinking and reasoning of others. They reflect on their learning and transfer their thinking and reasoning to a range of real-life situations. Students select and use tools and technologies, including information and communication technologies (ICTs), in purposeful ways. They make use of the potential that ICTs provide to inquire, create and communicate within mathematical contexts. Students demonstrate evidence of their learning over time in relation to the following assessable elements: knowledge and understanding thinking and reasoning 	applicati provide Students develop underst mathem
	and reasoning to a range of everyday situations. Students select and use tools and technologies, including information and communication technologies (ICTs), in purposeful ways. They use ICTs as an integral component of their learning, to inquire, create and communicate within mathematical contexts.		individua mathem mathem
			challeng reflect of reasonin situation
Students demonstrate evidence of their learning over time in relation to the following assessable elements: knowledge and understanding 	Students demonstrate evidence of their learning over time in relation to the following assessable elements: knowledge and understanding 		Students
 thinking and reasoning communicating 	 thinking and reasoning communicating 		ICTs to i contexts
 reflecting. 	• reflecting.	 communicating reflecting.	Students relation
			• thinkin
			• comm
			 reflect



end of Year 9

ts build on their existing understandings of natical concepts and can relate mathematics to realpurely mathematical situations. Through engagement iar and unfamiliar, and simple and complex, natical investigations they understand that natics is a way of thinking, reasoning and working that to develop solutions to questions, problems and posed by themselves and others. They recognise the tion of mathematics in a large number of fields that career opportunities.

ts use the essential processes of **Ways of working** to and demonstrate their Knowledge and tanding. They develop their ability to work natically and build on their prior understanding by ally and collaboratively planning and conducting natical investigations; by posing and solving natical questions, problems and issues; and by ging the reasoning and perspectives of others. They on their learning and transfer their thinking and ng to a range of real-life and purely mathematical ns.

ts select and use tools and technologies, including ion and communication technologies (ICTs). They demonstrate an autonomous and purposeful use of inquire, create and communicate within mathematical

ts demonstrate evidence of their learning over time in to the following assessable elements:

- edge and understanding
- ng and reasoning
- unicating
- ing.

