**QUESTACON’S MATHAMAZING EXHIBITION ENCOURAGES VISITORS TO EXPLORE MATHS CONCEPTS PLAYFULLY THROUGH LOGIC PUZZLES AND MATHEMATICAL MODELS.**

*Mathamazing* will inspire visitors’ mathematical curiosity and confidence, and build greater understanding of mathematical concepts. The exhibition explores many mathematical topics such as conics, topology, number theory, logic, problem solving, probability and statistics.

Visitors will explore statistics through play as they answer questions and take a reaction timer test to compare themselves against the average. Visitors’ knowledge of statistics and probability can be put to the test by competing against a computer to predict the correct sequence of balls chosen from a sample.

They will discover a model of a binary counting system and how it is used in electronic circuits and software programs to signal switches to turn on and off. Visitors will also have a greater understanding of binary code, logic gates and Boolean logic by pressing different combinations of pedals to create a series of logic operations.

*Mathamazing* is suitable for visitors aged 12 years and older, and has links to the Australian Curriculum in mathematics.

*Mathamazing* is available for hire. The exhibition consists of 22 exhibits and requires a display area of 450 m².

For further information visit the website [Questacon – The National Science and Technology Centre](http://www.questacon.edu.au)