



FUNdaMental

QUESTACON'S FUNDAMENTAL EXHIBITION EXPLORES CLASSIC SCIENCE IN EXCITING WAYS, FOCUSING ON FORCES, ELECTROMAGNETISM, LIGHT, ANGULAR MOMENTUM AND FLUIDS.

Fundamental is a hands-on exhibition, enabling visitors to play an active part in understanding how science influences their everyday lives. Visitors will learn about themes including wave energy, visual illusions, science-art and simple machines.

Questacon's iconic Harmonograph shows how intricate patterns are created depending on the position of weights, the force and direction of the initial push and energy lost through friction. Visitors will enjoy seeing the revitalised Harmonograph and the amazing patterns it creates.

Fundamental also engages visitors with the topic of electromagnetism. Visitors can attempt to suspend a magnet in midair or watch what happens as magnets are flung out to the edge of a large spinning disc and begin to slow down.

Visitors can witness illusions as they walk through the exhibition, like being eerily watched by an emu and koala, demonstrating visual perception of faces. Alternatively visitors can try to figure out how a straight rod is able to pass through a curved slot.

Fundamental includes Curiosity Corner, run by Questacon Volunteers, featuring science puzzles and demonstrations to inspire visitors of all ages.

Fundamental has strong links to both the Australian National Science and Mathematics Curriculum.

Fundamental is an engaging experience designed and built by Questacon and is located in Gallery 2.

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



King Edward Terrace Canberra
02 6270 2800
www.questacon.edu.au

Media enquiries:
02 6270 2917
communications@questacon.edu.au



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Questacon
The National Science and Technology Centre