

QUESTACON

# science on the move

**QUESTACON'S SCIENCE ON THE MOVE EXHIBITION IS AN INTRIGUING EXPLORATION OF A BROAD RANGE OF SCIENTIFIC THEMES INCLUDING PRINCIPLES OF MUSIC, SOUND, HUMAN BIOLOGY, LIGHT, FORCE, MOTION, ECOLOGY AND THE ENVIRONMENT.**

*Science on the Move* is a fun, hands-on exhibition that engages visitors' minds and bodies through a range of topics.

Visitors can take part in exciting, hands-on physics activities as they use their bodies to create a battery and learn about chaotic motion through the interaction between magnets and pendulums.

Visitors can see the world in a new light as they interact with polarised filters to create the effect of polarised sunglasses, peer into a hole to see into infinity, and look through a Fresnel lens (used in lighthouses, traffics lights and brake lights) to refract light to make things look larger or smaller.

*Science on the Move* also explores the science of sound through interactive exhibits: visitors use a thong to play a tune by hitting pipes of varying lengths and discover why noise seems to grow louder when different sized funnels are held up to the ear.

*Science on the Move* is suitable for visitors aged 8 years and older, and has links to the Australian Curriculum across all years, particularly in science inquiry skills.

*Science on the Move* is available for hire. The exhibition consists of 23 exhibits and requires a display area of 250 m<sup>2</sup>.

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



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The National Science and Technology Centre