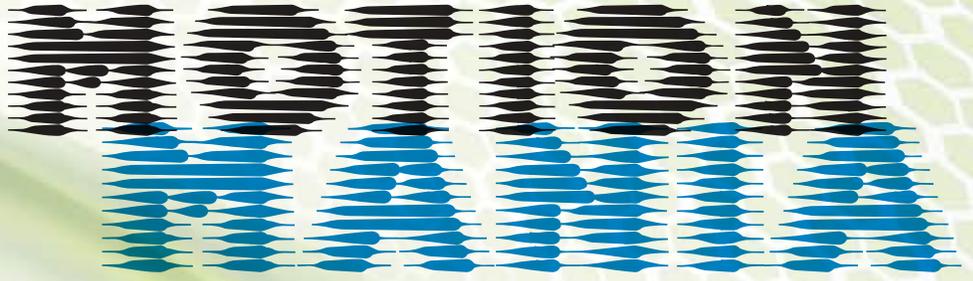


**NEW**

**TRAVELLING EXHIBITION**

## FEATURES

- 2000 square feet (186 m<sup>2</sup>)
- 10 interactive experiences
- Flexible design to accommodate many types of display areas
- Integrated graphics
- Content Guidebook
- Packing and crating
- Easy installation and take-down



Children will have a ball as they find their inner “scientist” and learn about Force and Motion.

**It's all about energy!**

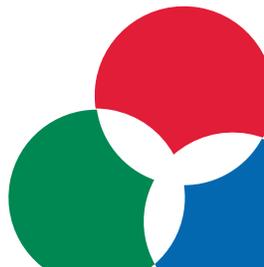


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# MOTION MANIA

**Motion Mania is made up of two key components – Energy Tracks and Build your own Coaster**

## SKILLS DEVELOPED

- Increase learning and motor skills through direct physical experiences, interactivity and repetition
- Develop social skills, communication skills and rules of play
- Learn to ask questions, how to pursue answers and see other points of view
- Take risks, combine skills and share successes.

## 1 BUILD YOUR OWN COASTER

Create your own roller coaster in this interactive experience that lets participants choose from over 30 coaster parts! Design, test and re-test your creation.

Make discoveries about force, energy, friction and stability by sending balls down a variety of tracks that you have put together from a collection of hills, loops and ramps.

What makes the best design?

Where does the ball get its energy?

How many different coasters can you build?

## 2 ENERGY TRACKS

In this interactive experience participants test the variables that affect motion. Lift a ball up and place it on a track. Let it go! What affects whether the ball makes it to the end of the track?

Is it the height of the hill?

Is it the slope of each hill?

Is it the angle of the ramp?

What role does gravity play?

Is it the shape of the loop?

Improve your observation, investigation, questioning and experimentation skills. And find out whether slopes, loops, hills, curves, gravity or speed make a difference to how things move.

## Objects have inertia

They tend to...keep doing what they're doing.

When you see a change in speed, direction or BOTH, you know there are forces at work.

Combine and share your knowledge with others as you apply your learning to each new task.

For a complete list of previous venues or for more information, please visit our website or contact us directly.

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