

ONTARIO SCIENCE CENTRE

EXHIBIT SALES

BUILD YOUR OWN COASTER

EXPLORING THE SCIENCE OF MOTION



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This interactive, hands-on experience involves the creation of your own Roller Coaster - from design to testing and then re-testing. What makes the best design? Where does the ball get its energy from? How many different coasters can you build?

Providing this experience for your visitor will give them a chance to make discoveries about force and energy, about friction and stability, while at the same time having a lot of fun.

As a full set, this exhibit connects play and learning together, giving the visitor a chance to develop their skills of observation, investigation and experimentation.



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FULL SET INCLUDES:

500 Sq. F (46 sq. m)

- 2 ramp starts
- 1 portable starting hill
- 10 hills
- 4 circles
- 4 clothoids
- 6 jump ramps
- 4 x 90 degree turns
- 1 portable starting hill
- 4 targets
- 2 catch ramps
- 4 dozen hockey balls 



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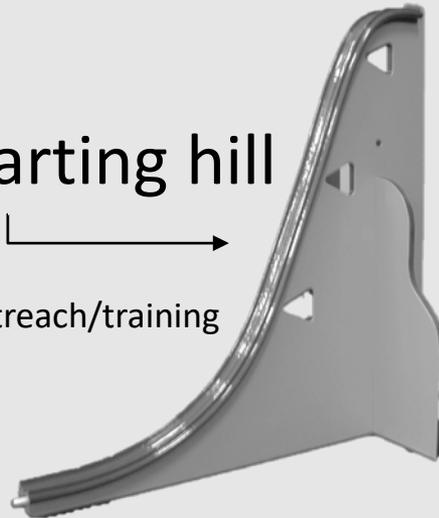
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RAMP STARTS

- 2 ramp starts →

- 1 portable starting hill

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For outreach/training



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HILLS

- 2 x 15 inch hill
- 2 x 11 inch hill
- 2 x 8 inch hill
- 2 x 5 inch hill
- 2 x Variable Sloped Hills



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CIRCLES AND CLOTHOIDS

- 2 x 14 inch circle
- 2 x 11 inch circle
- 2 x 18 inch clothoid
- 2 x 11 inch clothoid



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RAMPS

- 2 x 60 degree ramp
- 2 x 45 degree ramp
- 2 x 15 degree ramp



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90 DEGREE TURNS

- 4 x 90 degree turns
to move things in other directions



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EXHIBIT EXAMPLES



Note: Yellow BYOC no longer available



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BYOC ORDER DETAILS:

- Build your own Coaster –full set with its multiple interactive exhibit components
- Flexible design to accommodate many types of display areas/halls
- Content Guidebook
- 4 dozen hockey balls
- Packing and crating



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