

Motion and Forces

eEdition

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1 Motion

the BIG idea

The motion of an object can be described and predicted.

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2 Forces

the BIG idea

Forces change the motion of objects in predictable ways.

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What must happen for a team to win this tug of war? page 38

3 Gravity, Friction, and Pressure 74

the BIG idea

Newton's laws apply
to all forces.

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the BIG idea

Energy is transferred
when a force moves
an object.

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the BIG idea

Machines help people
do work by changing
the force applied
to an object.

- 5.1 Machines help people do work.** 145
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Internet Resources @ ClassZone.com

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