

NEWTON'S LAWS

The Law of Inertia

An object at rest will stay at rest unless acted on by a force.

An object in motion will stay in motion unless acted on by a force.

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The Law of Acceleration

Force = Mass X Acceleration

Acceleration is produced when a force acts on an object.

The greater the mass of the object, the more force is needed to create acceleration.

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The Law of Action and Re-Action

For every action there is an equal and opposite re-action.