

## Product Information Sheet

### Force and Energy Kit



Our range of science experiment kits will equip you with all you need to carry out each of the practical experiments included in your LJ Create science program.

The kits can be used for teacher demonstration, individual student, or group activities.

Each of the experimental kits are provided in a labelled storage box to allow for easy identification and selection during classroom activities.

Our range of science kits are also supplied with an inventory reference sheets to provide simple resource management and replenishment of any consumable items.

A range of items are supplied in order to carry out the scientific hands-on learning tasks, each item is conveniently contained within a durable vacuum formed box insert.

This kit is designed to explore more advanced aspects of force and energy when used in conjunction with the physics apparatus kit.

#### Typical Practical Tasks Include:

- Energy Transformations
- Newton's Laws of Motion
- Work and Energy

#### Items Included:

- Single Pulley Blocks
- Double Pulley Block
- Converting Energy PCB
- Moving Coil Voltmeter
- Moving Coil Ammeter
- Wooden Surface
- Spring Balances
- G-clamp
- 4mm Connection Lead Set
- Motor (with gearbox)
- Power Supply
- String
- Steel Rods
- Storage Box
- Inventory Sheet

#### Other Items Required:

- LJ Create Science Content and Computer
- Physics Apparatus Kit 511-01

#### General Information:

Packed Volume: Approx. 0.0185 m<sup>3</sup>  
Packed Weight: Approx. 2.8 kg

**Order Code: 511-02**

P8740-C

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