

## Product Information Sheet

### Complete Set of Living with STEM Experiment Kits



This Complete Set of Living with STEM Experiment Kits will equip you with all you need to carry out each of the practical experiments in your Living with STEM program. The set includes **one of each** experimental practical kit.

Each experimental kit is provided in a labelled storage box to allow for easy identification and selection during classroom activities. Each kit is also supplied with an inventory to provide simple resource management and replenishment of any consumable items.

Active learning is known to be more effective than passive learning, and we provide plenty of opportunity for hands-on experiments within our Living with STEM Program.

#### The complete set of experiment kits includes:

- Apparatus Kit (500-01)
- Data Logging Kit (500-02)
- Problem Solving Kit (500-03)
- Bridge Building Kit (500-04)
- Tactic Construction Kit (500-05)
- Plant Kit (500-06)
- Human Torso Kit (500-07)
- Handheld Microscope Kit (500-08)
- Mixtures Kit (500-09)
- Rocks Kit (500-10)
- Stream Table Kit (500-11)
- Planetarium Kit (500-12)

- Energy of the Wind Class Activity Pack (500-13)
- Sound and Light Kit (500-14)
- Electrical Circuits Kit (500-15)
- Properties of Materials Kit (500-16)
- Motion Kit (500-17)
- Forces Kit (500-18)
- Energy and Speed Kit (500-19)
- Pollination Class Activity Pack (500-20)
- Fossils Class Activity Pack (500-21)
- Optics Class Activity Pack (500-22)
- Sound and Vibration Class Activity pack (500-23)
- Living with Math Teacher Apparatus Kit (505-02)

#### Typical practical tasks include:

- Floating and Sinking
- Changing Materials
- Introducing Mixtures
- Mixtures
- Volume and State
- Measuring Mass
- Mass
- Magnets
- Rough or Smooth
- Temperature
- Measuring Temperature
- Modelling Day and Night
- How The Sun Affects The Earth

- Soil
- Origin of Soil
- Soil and Water
- Water Droplets
- Wind
- Air all around
- Looking at Rocks
- Erosion
- Deposition
- Investigating Rocks
- Sensing Energy
- Electro-magnets
- Conductors & Insulators
- Magnets and Objects
- Electric Circuits
- Forces at a Distance
- Bridge Building
- Comparing Movement
- Recording Movement
- Tracking Movement
- Forms of Energy
- Effects of Force
- Forces and Motion
- Objects and Energy
- Plant Structures
- Parts of a Plant
- Basic Needs of Plants
- Investigating Habitats
- Investigating Light
- Making Things Move
- Building Blocks
- Sound and Vibration
- Light and Objects
- Communicating with Light and Sound

For more information email us [info@ljcreate.co.uk](mailto:info@ljcreate.co.uk) or visit [www.ljcreate.com](http://www.ljcreate.com)

## Product Information Sheet (Continued)

### Complete Set of Living with STEM Experiment Kits



- Speed, Energy and Collisions
- Waves
- Heat Transfer
- Effects of Sunlight
- Changing Landscapes
- Human Body Systems
- Modelling Pollination
- Ideas from Nature in Design
- Introduction to Engineering
- Engineering and Design
- Investigating Heart Rate
- Experimental Investigations
- Analyze and Interpret Information
- Discoveries in Optics
- Physical Properties of Water
- Physical Properties of Mixtures and Solutions
- Electricity in Circuits
- Rock Formation
- Natural Forces
- Alternative Energy
- Fossil Formation

#### Items Included:

- See list of included kits on previous page.

#### Other Items Required:

- LWS2/AL Cloud-based Elementary Science Software
- Windows PC
- Access to soil samples

#### General Information:

Packed Volume: Approx 0.5 m<sup>3</sup>

Packed Weight: Approx 47.5Kg

See individual items information sheets for kit weight and volume information.

**Order Code: 500-00**

P8559-B

**For more information email us [info@ljcreate.co.uk](mailto:info@ljcreate.co.uk) or visit [www.ljcreate.com](http://www.ljcreate.com)**