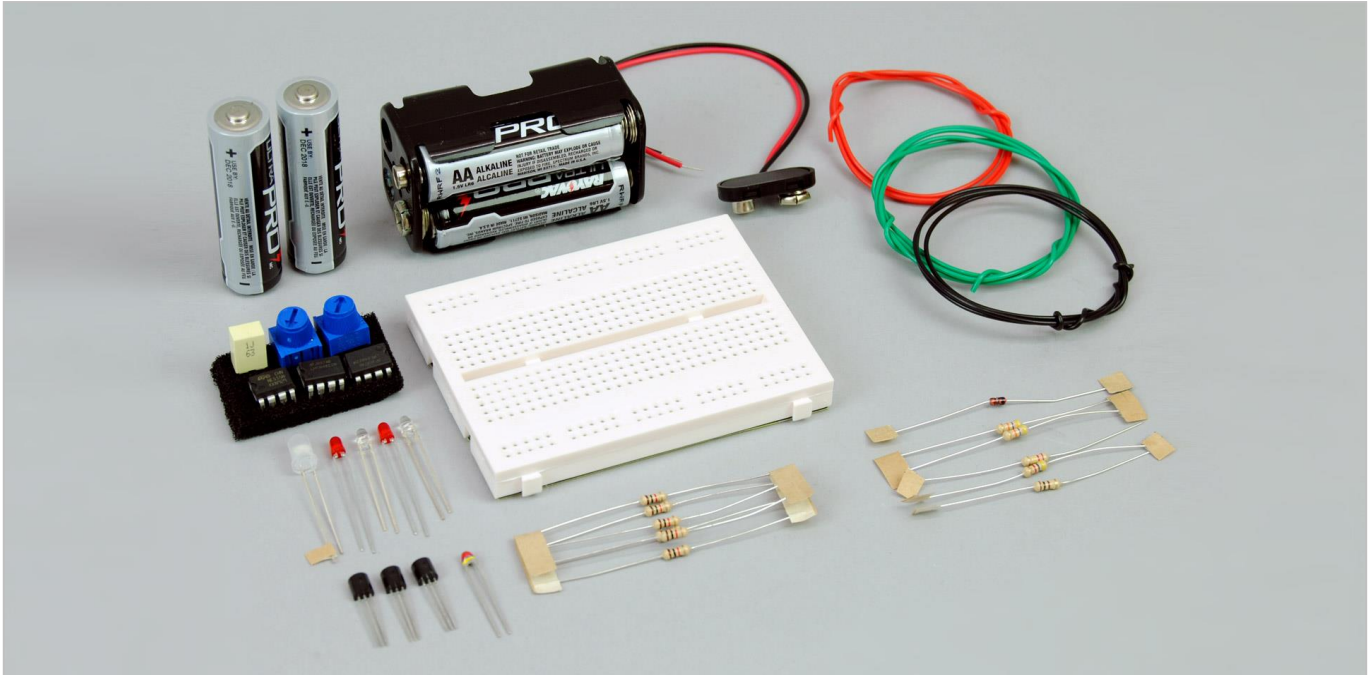# Product Information Sheet

Electronic Circuits Student Resource Pack

Our STEM learning packages have been designed to provide practical real world problem solving tasks and activities within the classroom or lab environment.

These activities will provide an engaging approach that helps instructors show contextualized linkages between Science, Technology, Engineering, and Mathematics.

Students will have access to hands on learning opportunities within our optional cloud-based curriculum software package. This easy to use software also contains theory presentations, virtual investigations, and support materials to underpin the practical tasks.

The Electronic Circuits Student Resource Pack is designed to allow student to develop Breadboarding techniques. The components supplied are selected for the design and build projects included in our STEM learning packages.

Typical Topics and Projects Include:
- Building on Breadboard – Automatic Light Circuit
- Building on Breadboard – Anti-theft Device

The Resource Pack Includes:
- PCB Projects Kit
  - Resistors
  - Diodes
  - LEDs
  - Transistors
  - Variable Resistors
  - Capacitors
  - ICs
  - Thermistor
  - Batteries
  - Battery Holder
  - Link Wire
  - Breadboard
  - Container

Other Items Required:
- LJ Create Engineering or Technology Content
- Computer
- Some tasks require access to an Oscilloscope

General Information:
Power Requirements: 110 – 240V 50-60Hz
Packed Volume: Approx. 0.0008 m^3
Packed Weight: Approx. 0.3 kg

Order Code: 450-02

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For more information visit www.ljcreate.com