

Lisciani FR89352

Lisciani I'm A Genius Electricity Kit: Instruction Manual

Model: FR89352

INTRODUCTION

The Lisciani I'm A Genius Electricity Kit is an educational science kit designed to introduce users to the principles of electricity through hands-on experiments. This manual provides essential information for safe assembly, operation, and maintenance of the kit components.

This kit allows you to discover how electricity works by conducting over 50 science experiments using the provided components and common household items.

SAFETY INFORMATION

Warning: Not suitable for children under 36 months due to small parts which may present a choking hazard.

- Always supervise children during experiments.
- Read all instructions before use.
- Do not modify any components of the kit.
- Keep away from water and moisture unless specifically instructed for an experiment.
- Dispose of used batteries responsibly.

WHAT'S IN THE BOX

Carefully unpack all components and verify against the list below:

- Small Lamp Kit
- Straws
- Plastic Tube
- Balloons
- Tracing Paper
- Alligator Cables
- Bubble Stick
- Polystyrene Ball
- Magnifying Glass Charm

- Experience Maps (Experiment Cards)
- Illustrated Manual (this document)



Image: All components of the Lisciani I'm A Genius Electricity Kit, including various wires, a light bulb, balloons, and experiment cards.

SETUP

1. **Unpack Components:** Carefully remove all items from the box and place them on a clean, flat surface.
2. **Review Manual:** Read through this instruction manual and the included Experience Maps (Experiment Cards) to familiarize yourself with the experiments and safety guidelines.
3. **Prepare Workspace:** Ensure your experimental area is well-lit, dry, and free from clutter.

4. **Gather Household Items:** Some experiments may require common household items not included in the kit (e.g., potatoes, lemons, water, salt). Refer to the Experience Maps for specific requirements.

OPERATING THE KIT (EXPERIMENTS)

The core of the Lisciani I'm A Genius Electricity Kit involves performing various experiments detailed on the Experience Maps. Each map provides step-by-step instructions for a specific experiment.



Image: A collection of experiment cards, each detailing a scientific experiment with illustrations and instructions. The text on the cards is in French, indicating the need to follow the English manual or translated instructions.

General Experiment Procedure:

1. **Select an Experiment:** Choose an experiment from the Experience Maps.
2. **Read Instructions:** Carefully read all instructions for the chosen experiment before beginning. Pay attention to any specific safety warnings or material requirements.
3. **Gather Materials:** Collect all necessary components from the kit and any required household items.

4. **Assemble Circuit/Setup:** Follow the step-by-step diagrams and text on the Experience Map to assemble the experiment setup. For example, connecting alligator clips to a potato to create a battery.
5. **Observe and Record:** Observe the results of your experiment. Note down what happens, any changes, or measurements.
6. **Disassemble and Clean:** Once the experiment is complete, carefully disassemble the setup and clean any components that came into contact with liquids or other substances. Store components properly.

Example Experiment: Potato Battery

One common experiment involves creating a simple battery using potatoes and the provided alligator cables and lamp kit.



Image: An illustration of a potato battery experiment, showing multiple potatoes connected in series with alligator clips to power a small light bulb, demonstrating basic electrical circuits.

- Insert two different types of metal (e.g., copper and zinc, often found in coins and galvanized nails, though the kit provides specific components) into each potato.
- Connect the potatoes in series using the alligator cables.
- Connect the ends of the potato series to the small lamp kit.
- Observe the lamp to see if it lights up, indicating a successful circuit and power generation.

MAINTENANCE

- **Cleaning:** After each experiment, clean any components that have come into contact with liquids or other materials. Use a damp cloth for plastic parts. Ensure all parts are dry before storage.
- **Storage:** Store all kit components in their original packaging or a suitable container in a cool, dry place, away from

direct sunlight and extreme temperatures.

- **Inspection:** Periodically inspect alligator cables and other components for wear or damage. Replace any damaged parts if possible, or discontinue use if safety is compromised.

TROUBLESHOOTING

- **Experiment Not Working:**
 - Double-check all connections according to the Experience Map. Ensure alligator clips are firmly attached.
 - Verify that all required materials are present and correctly used.
 - Ensure any power sources (e.g., batteries, fruit batteries) are fresh and correctly oriented.
 - Review the instructions carefully for any missed steps.
- **Missing or Damaged Parts:**
 - Refer to the "What's in the Box" section. If a part is genuinely missing, contact customer support.
 - Do not attempt to use damaged components.

SPECIFICATIONS

Feature	Detail
Brand	Lisciani
Model Number	FR89352
Theme	Physics
Age Range (Recommended)	Kid (Minimum 7 years)
Item Dimensions (L x W x H)	28.5 x 28.5 x 6.7 Centimeters
Item Weight	0.64 Kilograms
Educational Objective	Creative Skills, Imagination Development, Science Experimentation, Learning Notions in Physics
Material	Paper (for manual/cards), various plastics and metals for components
Assembly Required	No (for the kit itself, but experiments require assembly)

WARRANTY AND SUPPORT

For information regarding warranty, returns, or customer support, please refer to the retailer's policy where the product was purchased or visit the official Lisciani website. Keep your proof of purchase for any warranty claims. For further assistance or inquiries, please contact Lisciani customer service through their official channels.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question