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› Doctor Jupiter Ultimate Girls' Science Kit Instruction Manual

Doctor Jupiter DJ Girls USK

Doctor Jupiter Ultimate Girls' Science Kit Instruction Manual

Model: DJ Girls USK

1. PRODUCT OVERVIEW

The Doctor Jupiter Ultimate Girls' Science Kit is designed to introduce children aged 8 and up to the exciting world of science through hands-on experiments. This comprehensive kit includes over 135 unique experiments, covering various scientific concepts from chemistry to physics, fostering critical thinking and problem-solving skills.

Key features of this kit include:

- Over 135 engaging science experiments, including volcano eruptions, explosive reactions, water science, and crystal growing.
- STEM-based learning curriculum tailored for children aged 8-12 years, designed to broaden scientific understanding.
- A detailed, easy-to-follow instruction manual, complemented by a bonus experiment booklet.
- High-quality, safe, and non-toxic ingredients and equipment that meet U.S. safety standards (ASTM F963-17).
- Promotes parent-child bonding through interactive scientific exploration.



MAKE GIRLS ♥ SCIENCE

An Exciting
Science Kit
For Girls



OUR MISSION: MORE GIRLS IN STEM

Image: Two young girls wearing lab coats and safety glasses, engaged in a colorful bubbling experiment, illustrating the kit's focus on making science enjoyable for girls.

2. WHAT'S IN THE BOX

Your Doctor Jupiter Ultimate Girls' Science Kit contains the following items:

- Instruction Manual + Bonus Experiment Booklet (135+ experiments)
- 3 x Food Colours (Blue, Yellow, Red)
- 2 x Food Essence (Rose & Mango Essence)
- 6 x Ingredients (Glow Powder, Baking Soda, Citric Acid, Corn Starch, Crystal Powder, Vinegar)
- 1 x Measuring Cylinder
- 1 x Conical Flask
- 1 x Spatula
- 2 x Stirring Sticks
- 1 x Test Tube Stand
- 1 x Glycerin Flakes
- 3 x Cups

- 5 x Fabric Face Masks
- 1 x Funnel
- 1 x Tray
- 2 x Soap Moulds



A MEANINGFUL GIFT

MARIE CURIE

For Marie Curie, a childhood **gift of a science kit** sparked a lifelong passion for science.



DOROTHY HODGKIN

For young Dorothy Hodgkin, a science kit **gifted by her parents** inspired her love for science.



OUR MISSION: **MORE GIRLS IN STEM**

Image: A visual representation of all components included in the science kit, such as bottles of food coloring, essences, various powders, and laboratory tools like flasks, measuring cylinders, and funnels.

3. SAFETY INFORMATION

WARNING: This kit should be used only under adult supervision.

- Read all instructions thoroughly before beginning any experiment.
- Certain experiments may require adult supervision to ensure safety and proper execution.
- Keep all chemicals and equipment out of reach of children under 4 years of age.
- Ensure all containers are fully closed and properly stored after use.
- Do not use any equipment or materials not supplied with the kit unless specifically recommended in the instructions.
- Do not eat or drink in the experimental area.
- Do not allow materials to come into contact with the eyes or mouth.

- In case of eye contact: Wash out the eye with plenty of water.
- If swallowed: Wash out your mouth with water and drink fresh water.
- In case of inhalation: Remove person to fresh air.
- In case of doubt or injury, seek medical advice immediately.

4. SETUP

Before starting any experiment, ensure you have a clean, flat workspace. Lay out all the necessary equipment and ingredients as specified in the instruction manual for the chosen experiment. It is recommended to wear appropriate protective gear, such as safety goggles, if available, especially for experiments involving liquids or powders.

Familiarize yourself with the instruction manual and the bonus experiment booklet. Each experiment is clearly outlined with step-by-step directions and a list of required materials, both from the kit and common household items.

5. OPERATING INSTRUCTIONS

The kit provides detailed, illustrated instructions for over 135 experiments. Follow the steps carefully for each experiment. The manual is designed to be user-friendly, making complex scientific concepts accessible and fun.

Examples of experiments you can perform include:

- Creating fizzy potions and chemical reactions.
- Observing glow-in-the-dark phenomena.
- Making face masks and learning spa science.
- Molding colorful and fragrant soaps.
- Studying fizzy science by exploding bath bombs.
- Experiments involving water science, color science, and volcano science.



135+ EXPERIMENTS

GIRLS WILL LOVE



Image: A collage showcasing several exciting experiments from the kit, such as creating colorful fizzy reactions, observing glowing liquids, and making bath bombs, highlighting the variety of activities available.

Video: An official product video demonstrating various exciting experiments that can be performed with the Doctor Jupiter Ultimate Girls' Science Kit, showcasing the fun and educational aspects.

Video: An official product video highlighting the STEM learning opportunities and fun experiments included in the science kit, encouraging engagement and discovery.

Video: An official product video showcasing the Doctor Jupiter Girls' Science Kit, demonstrating its appeal and the variety of activities it offers for young scientists.

6. MAINTENANCE

To ensure the longevity of your science kit and its components:

- Clean all equipment thoroughly with water and mild soap after each use.
- Ensure all components are completely dry before storing.
- Store all chemicals in their original containers, tightly sealed, and in a cool, dry place away from direct sunlight.
- Keep the instruction manuals in a safe place for future reference.

- Regularly check for any damaged or worn-out parts. Replace if necessary.

7. TROUBLESHOOTING

If you encounter any issues while performing experiments, consider the following:

- **Experiment Not Working:** Double-check the instructions to ensure all steps were followed precisely and the correct measurements were used. Verify that all ingredients are fresh and properly stored.
- **Missing or Damaged Parts:** Refer to the 'What's in the Box' section. If any item is missing or damaged upon arrival, please contact Doctor Jupiter customer support.
- **Difficulty Understanding Instructions:** The manual is designed for clarity. If a particular step is unclear, try re-reading it carefully or seeking adult assistance.

8. SPECIFICATIONS

Attribute	Detail
Product Dimensions	11.42 x 9.84 x 1.77 inches
Item Weight	1.43 pounds
Item Model Number	DJ Girls USK
Manufacturer Recommended Age	8 years and up
Manufacturer	Metis Learning Solutions Pvt. Ltd.

9. WARRANTY AND SUPPORT

For any questions, concerns, or support needs regarding your Doctor Jupiter Ultimate Girls' Science Kit, please refer to the contact information provided on the product packaging or visit the official Doctor Jupiter website. While specific warranty details are not provided here, customer satisfaction is a priority. Please retain your proof of purchase for any inquiries.