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› Discovery #MINDBLOWN Test Tube Science Kit - 14 Pieces Instruction Manual

Discovery Kids Test Tube Kit - 14 Pieces

Discovery #MINDBLOWN Test Tube Science Kit - 14 Pieces

Model: Test Tube Kit - 14 Pieces | Brand: Discovery Kids

INTRODUCTION

The Discovery #MINDBLOWN 14-Piece Test Tube Science Kit provides an engaging and educational experience for young learners. This kit includes materials for conducting three distinct experiments, demonstrating real scientific principles in a hands-on manner. The instruction manual offers clear, step-by-step guidance to ensure successful scientific exploration.

This kit is designed to foster an understanding of physics, chemistry, and polymers through interactive activities. It is suitable for children aged 8 and above.



Image: The complete Discovery #MINDBLOWN 14-Piece Test Tube Science Kit, ready for experiments.

What's INCLUDED

The 14-piece kit contains the following components:

- 1 x Test Tube Rack
- 3 x Large Test Tubes
- 5 x pH/Litmus Paper Strips
- Jelly Crystals (various colors)
- Super Ball Powder (10 g / 0.35 oz)
- 1 x Super Ball Mold
- Disappearing Ink (16 ml / 0.53 fl oz)
- 1 x Tweezers

AGES 8+

Discovery™

#MINDBLOWN



3-IN-1
EXPERIMENTAL
SCIENCE KIT



DIY SCIENCE KIT

TEST TUBES ACTIVITY SET

Image: Detailed view of the kit's contents, highlighting the hands-on learning aspect.

SETUP

Before beginning any experiment, ensure your workspace is clean and clear. Gather all necessary components from the kit. It is recommended to have a flat, stable surface for the test tube rack. Read through the instructions for each experiment completely before starting.

EXPERIMENTS

1. Create a Bouncy Ball

This experiment allows you to observe how molecules link together to form a super bouncy ball.

1. Open the test tube containing the Super Ball Powder.
2. Carefully pour the powder into the Super Ball Mold.

3. Follow the specific instructions in the included manual for adding water and allowing the ball to set.
4. Once set, remove the bouncy ball from the mold.

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HANDS-ON LEARNING

Our easy-to-use science kit comes with materials for conducting 3 different test tube studies! Each activity demonstrates real scientific principles to engage young learners in fun, tactile ways.

- KIT CONTAINS:**
- 1 TEST TUBE RACK
 - 3 TEST TUBES
 - 1 PLASTIC TWEEZERS
 - 1 JELLY CRYSTALS — BLUE, GREEN, ORANGE (Total: 0.35 oz /10g)
 - 1 SUPER BALL MOLD
 - 1 SUPER BALL POWDER (0.35 oz/10g)
 - 1 BOTTLE OF DISAPPEARING INK (0.53 fl oz /16mL)
 - 5 PH STRIPS (LITMUS PAPER)

Image: A bouncy ball in action, demonstrating the result of the experiment.

2. Write with Disappearing Ink

Explore the science behind disappearing ink by writing secret messages.

1. Carefully open the bottle of Disappearing Ink.
2. Use a brush or applicator (not included, but a small paintbrush works well) to write on paper.
3. Observe as the ink gradually fades and disappears.



Image: Demonstrating the use of disappearing ink to write a message.

3. Make Jelly Crystals

Create colorful jelly crystals and learn about polymers.

1. Open the test tube containing the Jelly Crystals.
2. Pour the crystals into a container.
3. Add water according to the instructions in the manual and watch the crystals expand.
4. Use the tweezers to handle the expanded jelly crystals.



Image: Expanded jelly crystals being held, showcasing the texture and appearance.

Your browser does not support the video tag.

Video: An official product video demonstrating the three test tube activities: creating a super ball, using disappearing ink, and making jelly crystals.

Safety Information

Always perform experiments under adult supervision. Do not ingest any materials from the kit. Avoid contact with eyes and mouth. Wash hands thoroughly before and after handling materials. In case of accidental contact or ingestion, consult a medical professional immediately. Keep all components out of reach of small children and pets.

Specifications

Brand Name	Discovery Kids
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Age Range Description	Kid (Ages 8+)
Educational Objective	Exploratory Skills, STEM
Model Number	12830
UPC	843479154542
Material Type	Plastic
Item Dimensions	7.5 x 2 x 9.25 inches
Manufacturer	Merchsource

TROUBLESHOOTING

If an experiment does not yield the expected results, review the instructions carefully to ensure all steps were followed correctly. Verify that the correct quantities of materials were used. Environmental factors such as temperature or humidity can sometimes affect outcomes. If issues persist, ensure all components are properly stored and sealed for future use.

WARRANTY AND SUPPORT

For warranty information or product support, please refer to the contact details provided on the product packaging or visit the official Discovery Kids website. Keep your purchase receipt as proof of purchase.

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.

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Email

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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

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