

## Educational Insights EI-5243

# Educational Insights GeoSafari Jr. Jungle Crew Lab Set Instruction Manual

Model: EI-5243

## 1. INTRODUCTION

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The Educational Insights GeoSafari Jr. Jungle Crew Lab Set is designed to introduce young learners to the exciting world of science through hands-on exploration. This sturdy, 6-piece, animal-themed science set encourages scientific discovery and provides practical experience with key scientific tools. It is suitable for children aged 3 to 8 years.

The set includes various tools and activity cards to facilitate engaging experiments using common household and backyard ingredients, fostering early STEM learning.

## 2. WHAT'S INCLUDED

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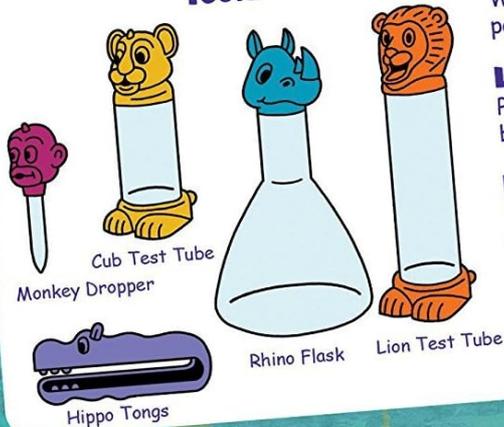
Your GeoSafari Jr. Jungle Crew Lab Set contains the following components:

- **Lion Test Tube:** A large test tube with a lion-themed pour-spout mouth.
- **Cub Test Tube:** A smaller test tube with a cub-themed pour-spout mouth.
- **Rhino Flask:** An Erlenmeyer flask designed with a rhino theme.
- **Elephant Funnel:** A funnel shaped like an elephant.
- **Hippo Tongs:** Tongs designed with a hippo theme for picking up small objects.
- **Monkey Dropper:** A dropper with a monkey design for transferring liquids.
- **10 Activity Cards:** Cards providing simple, hands-on experiment ideas.

## Drop and Dot Art

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### Tools



### Extras

Water, food coloring, paper, paintbrushes

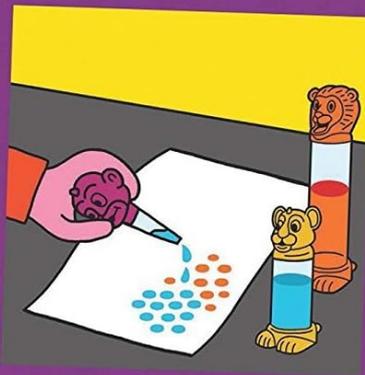
### Let's Learn!

Properties of water can change by adding color.

### Let's Talk!

What are some other ways you can change water? What happened to the colored water when you lifted the paper up?

## What to do



1. Fill the Rhino Flask with water.
2. Pour the water into the Cub Test Tube, leaving about one inch at the top.
3. Add a few drops of food coloring to the Cub Test Tube and stir with a paintbrush.
4. Observe what happens to the color when mixed with water.
5. Pour water into the Lion Test Tube, leaving about one inch at the top.
6. Add a few drops of a different colored food coloring to the Cub Test Tube, and stir with a paintbrush.
7. Use the Monkey Dropper to drop one dot of colored water at a time onto paper to create an Impressionist-inspired art piece.
8. To add another art technique, use the Hippo Tongs to hold the paper up. Observe what happens to the water.

Image: All six animal-themed science tools included in the GeoSafari Jr. Jungle Crew Lab Set: Lion Test Tube, Cub Test Tube, Rhino Flask, Elephant Funnel, Hippo Tongs, and Monkey Dropper.

### 3. SETUP AND PREPARATION

1. **Unpack Components:** Carefully remove all items from the packaging. Retain the packaging for future reference if needed.
2. **Initial Cleaning:** Before first use, wash all plastic components (test tubes, flask, funnel, tongs, dropper) with warm, soapy water. Rinse thoroughly and allow to air dry. This ensures cleanliness for safe play.
3. **Review Activity Cards:** Familiarize yourself with the 10 activity cards. Each card provides instructions for a different experiment. Gather any additional household ingredients required for your chosen experiment before starting.

### 4. OPERATING INSTRUCTIONS: CONDUCTING EXPERIMENTS

The GeoSafari Jr. Jungle Crew Lab Set is designed for interactive, hands-on learning. Follow the instructions on the activity cards for specific experiments. Here are general guidelines for using the tools:

- **Pouring Liquids:** Use the Lion and Cub Test Tubes and the Elephant Funnel to transfer liquids. The pour-spout mouths on the test tubes are designed to minimize spills.
- **Measuring and Mixing:** The Rhino Flask can be used for mixing ingredients. The test tubes can hold different liquids for comparison or sequential pouring.
- **Transferring Small Amounts:** The Monkey Dropper is ideal for transferring small quantities of liquid precisely. Squeeze the bulb completely before inserting into liquid, then release to draw liquid in. Squeeze again to dispense.
- **Handling Objects:** The Hippo Tongs can be used to pick up and manipulate small, non-hot objects. While they may be bulky for very small hands, practice improves dexterity.

Examples of experiments you can perform include "Slime Time," "Mini Lava Lamp," and "Rainbow Flowers," as detailed on the activity cards. Always ensure adult supervision during experiments.



*Image: A child using the Elephant Funnel to pour a blue liquid from a test tube into the Rhino Flask, demonstrating the pouring function of the lab set.*



Image: An example activity card titled "Drop and Dot Art," showing the tools required (Cub Test Tube, Monkey Dropper, Rhino Flask, Hippo Tongs, Lion Test Tube) and step-by-step instructions for an experiment involving colored water and paper.

## 5. MAINTENANCE AND CARE

- **Cleaning:** After each use, especially after experiments involving food or colored liquids, wash all plastic components with warm, soapy water. Hand washing is recommended to preserve the integrity and appearance of the animal-themed designs. Rinse thoroughly and allow to air dry completely before storing.
- **Storage:** Store the lab set components in a clean, dry place away from direct sunlight when not in use. Keeping the pieces together will help prevent loss and ensure they are ready for the next experiment.
- **Inspection:** Periodically inspect all components for any signs of wear or damage. Discontinue use if any part is broken or cracked to prevent injury.

## 6. TROUBLESHOOTING

- **Dropper not picking up liquid:** Ensure the bulb of the Monkey Dropper is fully squeezed to expel air before inserting the tip into the liquid. Release the bulb slowly to draw liquid in.
- **Tongs difficult to use:** The Hippo Tongs are designed for small hands but may require some practice to master. Encourage children to develop their fine motor skills through repeated use.
- **Activity card instructions unclear:** If an activity card's instructions are difficult to understand, try re-reading them carefully or searching for similar simple science experiments online for inspiration.

## 7. SPECIFICATIONS

<b>Model Number:</b>	EI-5243
<b>Product Dimensions:</b>	12.7 x 9.6 x 5.8 inches
<b>Item Weight:</b>	1.74 pounds
<b>Manufacturer Recommended Age:</b>	36 months - 8 years
<b>Manufacturer:</b>	Educational Insights

## 8. SAFETY INFORMATION

- **Choking Hazard:** This product contains small parts and is not suitable for children under three (3) years of age. Adult supervision is required for all ages during play.
- **Adult Supervision:** Always ensure an adult is present and supervising children during experiments to ensure safe handling of materials and tools.
- **Material Safety:** Use only non-toxic, child-safe ingredients for experiments. Avoid using any hazardous chemicals or substances.
- **Eye Protection:** While not explicitly included, consider using child-safe eye protection for certain experiments involving liquids or powders to prevent accidental splashes.



Image: The product packaging displaying a "WARNING: CHOKING HAZARD - Small parts. Not for children under three (3) years." label, emphasizing safety precautions.

## 9. WARRANTY AND SUPPORT

For any questions, concerns, or support regarding your Educational Insights GeoSafari Jr. Jungle Crew Lab Set, please contact Educational Insights customer service. Refer to the official Educational Insights website for contact information and any available warranty details.

You can visit the Educational Insights store on Amazon for more information:[Educational Insights Store](#)