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› JOYIN HexLab Bug Catcher & Nature Exploration Kit Instruction Manual

JOYIN 50030

JOYIN HexLab Bug Catcher & Nature Exploration Kit Instruction Manual

Model: 50030

INTRODUCTION

The JOYIN HexLab Bug Catcher with Habitat Bucket is a comprehensive 9-piece set designed to make insect catching and nature exploration an exciting and engaging journey for children. This kit encourages outdoor activity, exploration, and fosters an interest in the natural world. It includes a variety of tools for safe observation and interaction with insects.

This manual provides detailed instructions on how to use each component of your HexLab Bug Catcher kit, along with important safety information and maintenance tips.

WHAT'S INCLUDED

Your JOYIN HexLab Bug Catcher kit comes with the following components:

- 1 x HexLab Bug Habitat Bucket
- 1 x Magnifying Lens
- 1 x Bug Scooper (Beetle Clip)
- 1 x Tweezers
- 1 x Pipette
- 1 x Bug Observation Chamber with three magnifying lenses and carrying strap
- 1 x Butterfly Net
- 1 x Activity Booklet
- 1 x Exploration Hat



Figure 1: Overview of all included components.



Figure 2: Labeled diagram of the HexLab Bug Catcher kit components.

SETUP

The JOYIN HexLab Bug Catcher kit requires no assembly and is ready for immediate use right out of the box. No batteries are required.

1. **Unpack all components:** Carefully remove all items from the packaging.
2. **Familiarize yourself with each tool:** Review the "What's Included" section and the labeled diagrams to understand the purpose of each item.
3. **Prepare the Habitat Bucket:** Ensure the ventilation cap on the HexLab Bug Habitat Bucket is clear for proper airflow if you plan to temporarily house insects.
4. **Prepare the Observation Chamber:** Attach the carrying strap to the observation chamber if desired for easy transport.

OPERATING INSTRUCTIONS

Follow these instructions to effectively use each tool in your nature exploration kit:

1. Using the Bug Scooper and Tweezers

These tools allow for safe and gentle capture of insects without direct contact.

- **Bug Scooper:** Gently open the scooper jaws and position them around the insect. Close the jaws slowly to secure the insect.
- **Tweezers:** Use the tweezers for smaller insects or to carefully pick up leaves or debris near an insect.



Figure 3: Demonstrating the use of the Bug Scooper, Insect Catching Net, Magnifying Lens, and Bug Tweezers.

2. Using the Insect Catching Net

The butterfly net is ideal for catching flying insects like butterflies or dragonflies.

- Gently sweep the net through the air to capture flying insects.
- Once captured, carefully transfer the insect to the habitat bucket or observation chamber.

3. Using the Magnifying Lens and Observation Chamber

These tools allow for close examination of insects and other small natural objects.

- **Magnifying Lens:** Hold the lens over the insect or object to magnify its details.
- **Observation Chamber:** Place insects inside the chamber. The chamber features three magnifying lenses for different perspectives and a carrying strap for portability.
- **Pipette:** Use the pipette to carefully add small drops of water or food (if appropriate for the insect) into the observation chamber or habitat bucket.



Figure 4: Multi-lens zoom chamber and feeding with pipette.

4. Using the HexLab Bug Habitat Bucket

The habitat bucket provides a safe, temporary home for collected insects.

- The bucket features a flip-top design with top ventilation to ensure proper airflow for insects.
- Place insects inside for observation. Remember to release them back into their natural habitat after a short period of observation.

5. Using the Activity Booklet and Exploration Hat

Enhance your exploration experience with these additional items.

- **Activity Booklet:** The booklet contains information about various insects and activities to guide your nature exploration.
- **Exploration Hat:** Wear the hat to protect yourself from the sun and add to the adventure experience.

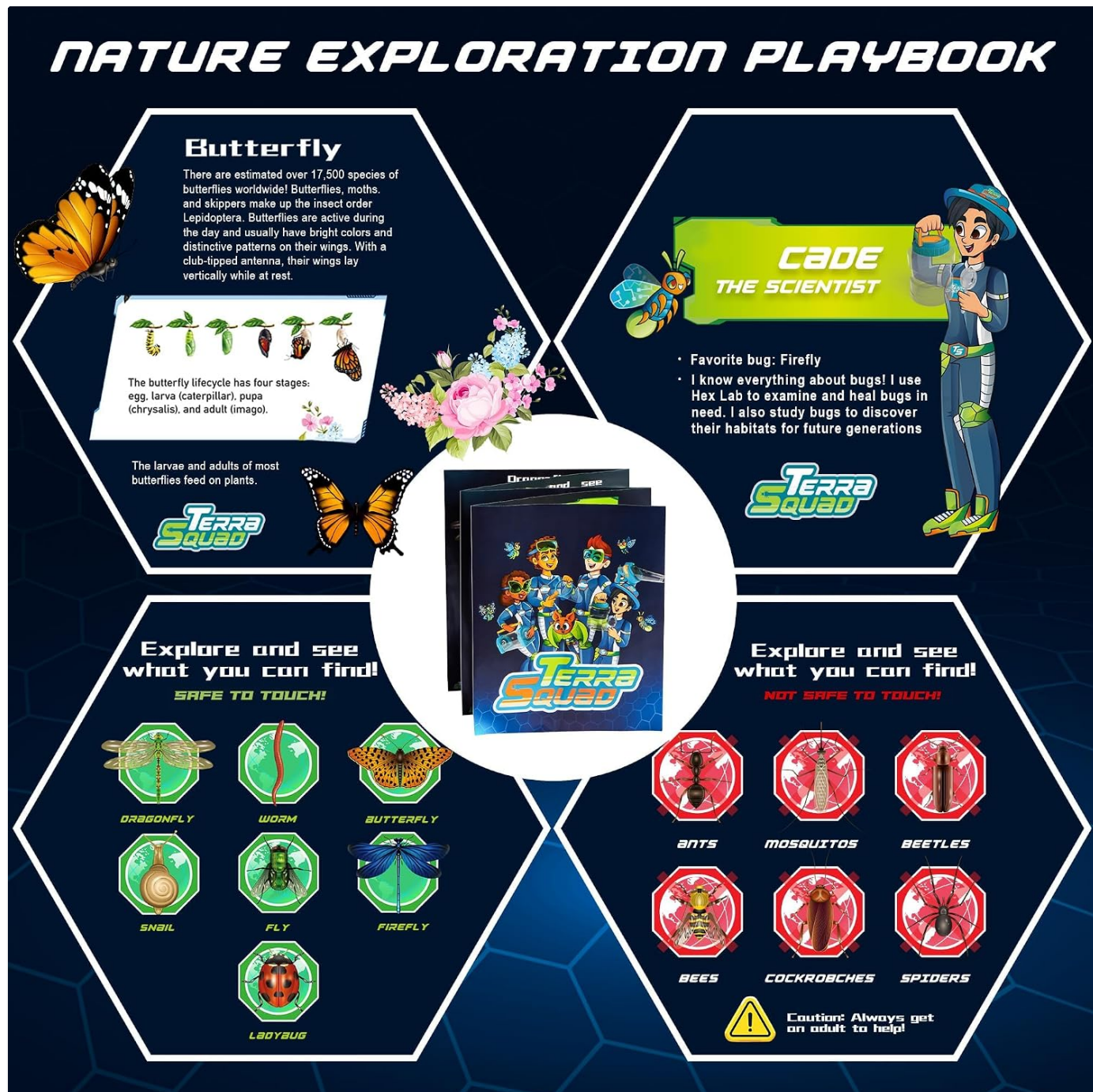


Figure 5: Nature Exploration Playbook content.

MAINTENANCE

Proper care will ensure the longevity of your HexLab Bug Catcher kit.

- **Cleaning:** All plastic components can be cleaned with mild soap and water. Rinse thoroughly and allow to air dry completely before storing.
- **Storage:** Store all components in a clean, dry place away from direct sunlight when not in use. The habitat bucket can be used to store smaller components.
- **Handling:** Avoid dropping plastic components on hard surfaces to prevent breakage.

TROUBLESHOOTING

Here are some common considerations and tips:

Issue	Solution
Difficulty catching insects.	Practice using the scooper and net in an open area. Approach insects slowly and gently.
Insects appear stressed in the habitat.	Ensure adequate ventilation. Do not overcrowd the habitat. Release insects back into their natural environment promptly after observation. Provide a small piece of leaf or twig for comfort.
Components are dirty after use.	Clean all plastic parts with mild soap and water as described in the Maintenance section.

SAFETY INFORMATION

- **Adult Supervision:** Always ensure adult supervision, especially when handling insects or exploring outdoors.
- **Identify Safe Insects:** The activity booklet provides guidance on which insects are generally safe to observe and which should be avoided (e.g., stinging insects like bees or wasps, or potentially harmful spiders).
- **Release Insects:** Always release captured insects back into their natural habitat after a short period of observation. Do not keep them as pets.
- **No Harm:** Teach children to observe insects without harming them.
- **Choking Hazard:** Small parts may be a choking hazard for young children. Not suitable for children under 3 years.

SPECIFICATIONS

Feature	Detail
Product Dimensions (L x W x H)	22 x 16 x 16 cm (approx. 8.7 x 6.3 x 6.3 inches)
Weight	435 grams (approx. 0.96 lbs)
Educational Value	Promotes children's interest in nature and biology
Manufacturer Reference	50030
Number of Players	1 piece (intended for individual use)
Assembly Required	No
Batteries Required/Included	No
Main Material	Plastic
Color	Blue
Theme	Insects
Operating Mode	Manual

WARRANTY AND SUPPORT

Specific warranty information is not provided in the product details. For any product support or inquiries, please contact the seller,

Joyin Direct, through the platform where the product was purchased.

Seller: [Joyin Direct](#)

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

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

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