

Carolina Biological Supply Company

Creating Habitats in the Classroom

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Habitat Kits from Carolina:

- **14-6705 Aquatic Buddies Kit**
- **14-3118 Millipede Habitat**
- **14-1111 Land Snail Habitat**
- **14-3050 Pill Bug Culture Kit**
- **14-3284 Tarantula Habitat**
- **14-3660 Hissing Roach Kit**
- **14-1030 Life in a Rotten Log Kit**
- **14-4155 Bessbug Habitat**
- **14-5258 Glo-Fish Desktop Package**
- **14-4067 Butterfly Living Wonders Kit**



Getting Started:

- **What is a habitat?**
- **How many of you have live habitats in your classroom?**
- **What are three things that make a habitat viable?**
- **What are three things that could make a habitat fail?**

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Objectives:

- **To develop a definition for habitat**
- **To compare and contrast man-made and natural habitats**
- **To use kits and build sample habitats**
- **To examine all habitats and determine viability**
- **To share ideas for habitat enhancement to increase viability**

Natural vs. Man-Made

- **What are the examples of natural habitat?**
- **In what ways would a natural habitat be similar to a man-made habitat?**
- **In what ways would a natural habitat be different from a man-made habitat?**

Tips for Preparing Materials :

- **Obtain kit (front)**
- **Obtain organisms (front)**
- **Obtain 32 oz cup**
- **Set materials on work table**

Safety Issues With Materials:

- **Some organisms bite**
 - Tarantula-transfer with care
- **Dirty hands**
 - Wear gloves if desired
- **Transferring Water**
 - Use 32 oz cups

Scientific Background Needed:

Guided Inquiry/Activity:

Time Allotment: 20-30 minutes

Process:

- Open kit, examine components.
- Design and build a habitat using personal knowledge, instructional materials, and group consensus.
- List all characteristics making your creation a viable habitat.

Guided Inquiry/Activity:

Time Allotment: 15 minutes

Investigation:

- Rotate clockwise to each habitat.
- Quickly observe and record any items that may make the habitat non-viable.
- Return to original habitat. Defend the failure points by discussing modifications.

Reporting Out: Attendee Ideas

- **Identify any specific standards addressed**
- **Share how materials met needs**
- **Discuss any classroom applications**
- **Determine value to student learning**

Aquatic Buddies Kit

- **Catalog #: 14-6705**



- Includes a plastic aquarium, gravel, aquatic tropical plants, and two aquatic dwarf frogs
- Food included
- Set-up and care instructions provided

Millipede Habitat

- **Catalog #: 14-3118**



- Includes habitat with lid, three large millipedes, pine bark mulch, spray bottle, and tree branch
- Set-up and care instructions provided

Land Snail Habitat

- **Catalog #: 14-1111**



- Includes habitat with lid, six land snails, moss, potting soil, food, and spray bottle
- Set-up and care instructions provided

Pill Bug Culture Kit

Catalog #: 14-3050



- Includes culture container, bedding, and 50 isopods
- Food provided
- Set-up and care instructions provided



Tarantula Habitat

Catalog #: 14-3284



- Includes a 5-gal plastic terrarium with lid, sand, tree branch, and water bowl
- Set-up and care instructions provided



Hissing Roach Kit

Catalog #: 14-3660



- Includes cage with lid, two Madagascar roaches, water dish, and tree branch
- Set-up and care instructions provided



Life in a Rotten Log Kit

Catalog #: 14-1030



- Includes ½-gal plastic terrarium, decaying wood, moss, soil, and an assortment of at least five different kinds of creatures

- Set-up and care Instructions provided



Bessbug Habitat

Catalog #: 14-4155



- Includes cage with lid, rotting wood, sprayer, twelve bessbugs
- Set-up and care instructions provided



Glo-Fish Desktop Package

Catalog #: 14-5258

- Includes 3-gal mini desktop aquarium, 6 GloFish®, and white quartz sand



Butterfly Living Wonders Kit

Catalog #: 14-4085

- Includes everything needed to raise and care for caterpillars and adult butterflies—plus interactive, hands-on activities to help students learn about the butterfly's life cycle, behavior, and biology



River Tank System

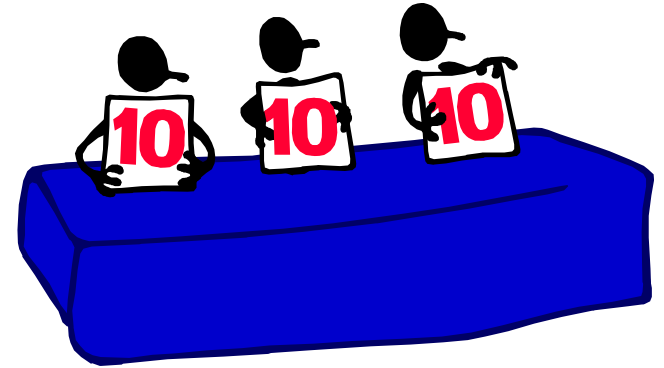
Catalog #: 16-1536

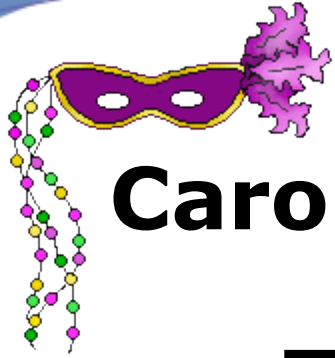


- Includes Ecosystem Mold already mounted inside an aquarium, submersible pump, fully adjustable hood light, filter cartridge, and instructions

Evaluations: Share Your Thoughts!

- Scale = 1 to 10
- **10 = Outstanding**
- **9 = Above Average**
- **8, 7 = Average**
- **6, 5, 4 = Below Average**
- **3, 2, 1 = Well Below Average**
- **Please provide comments!**





Carolina Biological Supply Company

**Thank you for investing your
time in our training program.**

**For all of your classroom
needs, check out our website,
www.carolina.com.**

**Enjoy the rest of the
conference!**