

# ENVIRONMENTAL EFFECTS

Here's what we used...

## SCENEARAMA® Items

- Water Diorama Kit
- Palm Trees
- Deciduous Trees
- Small Project Base and Backdrop

## Household Items

- Craft Paints and Brushes
- Cutting Surface
- Disposable Cup
- Hobby Knife
- Masking Tape
- Newspaper
- Pan for Water
- Pencil
- Scissors
- Small Sticks and Twigs

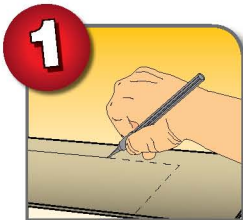
## Did you know?

The largest rainforest in the world is the Amazon Rainforest. It plays an important role in stabilizing Earth's climate. How? Because of its size, it is able to absorb huge amounts of carbon dioxide and greenhouse gasses from the atmosphere. Deforestation is reducing the size of the Amazon Rainforest, resulting in devastating effects on our planet.

## Fun Fact!

The Amazon Rainforest averages 9 feet of rain per year. About half is returned to the atmosphere through tree foliage.





1

- Make a cardboard pad. Measure and cut a piece of cardboard *Side Panel* 10-3/8" x 7-1/8". You will build your diorama on this pad.



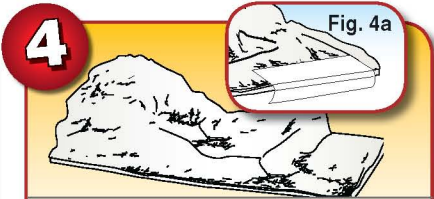
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- Test fit *Backdrop* (in grooves) and cardboard pad on *Project Base*.
- Set *Project Base & Backdrop* aside.



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- 1 Newspaper Wads**
- Arrange newspaper wads on cardboard pad to form terrain design.
  - Tape to hold shape and hold in place.
  - Newspaper wads must NOT protrude over sides of cardboard pad.



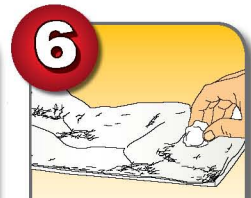
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- 1 Plaster Cloth**
- Cover diorama with wet *Plaster Cloth* (3" strips), bumpy side up.
  - Add 2-3 layers of *Plaster Cloth*.
  - Overlap edges of cardboard by 1/2". (Fig. 4a)
- NOTE:** Holes in *Plaster Cloth* will let *Realistic Water* leak through to cardboard pad (Step 21).



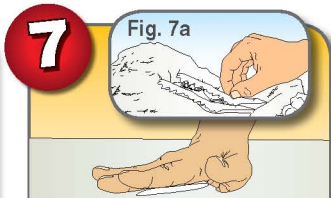
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- While *Plaster Cloth* is damp, test fit on *Project Base* with *Backdrop* in grooves.
- If it interferes with *Backdrop*, make adjustments.
- Remove from *Base*.



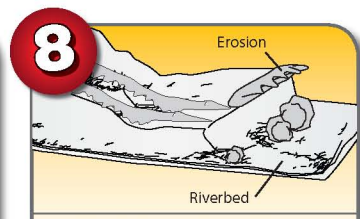
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- Wad small pieces of wet *Plaster Cloth* into rock shapes.
- Place in desired locations along riverbed while *Plaster Cloth* is wet.



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- Roll pieces of wet *Plaster Cloth* into long, thin shapes.
- Arrange on terrain to create edges for water runoff area.
- Pinch wet *Plaster Cloth* to create a natural look. (Fig. 7a)



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- Wad pieces of wet *Plaster Cloth* to create an erosion area along top edge of riverbed.
- Place on desired location while *Plaster Cloth* is wet.
- Pinch and shape *Plaster Cloth* to create a natural look.
- Let dry.



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- 1 Earth Undercoat**
- Brush diluted *Earth Undercoat* over entire *Plaster Cloth* terrain.
  - Save remaining for Step 10.



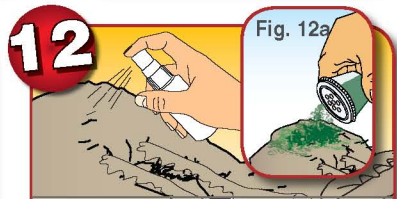
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- 1 Color Talus**
- Pour *Talus* into remaining diluted *Earth Undercoat*.
  - Mix with *Stir Stick*.
  - Remove *Talus*, and let dry on newspaper.



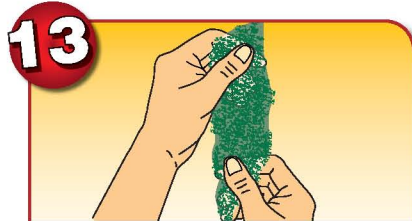
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- 1 Paint Plaster Cloth Rocks**
- Paint rocks.
  - Dab paint in random patterns.
  - Let dry.



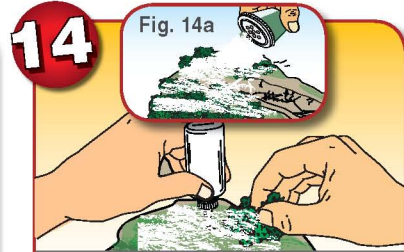
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- 1 Project Glue in Spray Bottle**
- Spray diluted *Project Glue* on greenery areas.
  - Sprinkle *Green Grass* on *Glue*. (Fig. 12a)
  - Highlight with *Forest Green Accent*.
  - Spray again to seal.



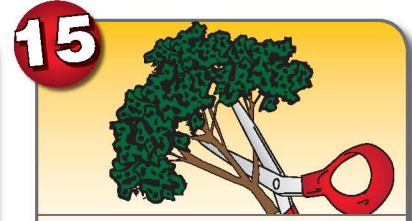
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- 1 Foliage Fiber**
- Stretch layers of *Foliage Fiber* until thin and lacy.
  - Spray with diluted *Project Glue* and sprinkle with *Evergreen Accents*.
  - Lay on diorama in preferred locations.
  - Spray again with *Project Glue*.



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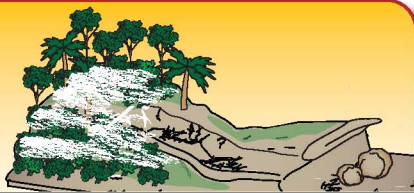
- 1 Ground Cover**
- Apply *Project Glue* where you would like shrubs.
  - Press *Shrubs* into glue.
  - Sprinkle *Evergreen Accent* to highlight landscape. (Fig. 14a)
  - Spray with *Project Glue*.



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- Cut *Deciduous Trees* into smaller trees.
  - Cut trunks of *Palm Trees* to match height of *Deciduous Trees*, if desired.
- TIP!** Cut branches at an angle for easier planting.

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### **i** Plant Trees

- Use a hobby knife to poke small holes in *Plaster Cloth* terrain to plant *Trees*.
- Add a drop of *Project Glue* over hole and insert *Tree*.
- Plant *Trees* one at a time working from the top, down.
- Let dry.

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- Spray diluted *Project Glue* on desired rock debris areas.
- Sprinkle *Talus* on *Glue*.
- Spray additional diluted *Project Glue* on top of *Talus*.
- Let dry.

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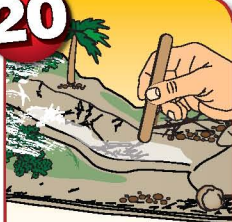
- Use twigs and natural items found outdoors to represent deforestation.
- Apply *Project Glue* where you would like fallen trees.
- Press twigs into *Project Glue*.
- Let dry.

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- To seal, spray entire landscaped area thoroughly with diluted *Project Glue*.
- Let dry.

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### **i** Water Effects

- Dab *Water Effects* along runoff area.
- Let dry until clear (approx. 24 hours).

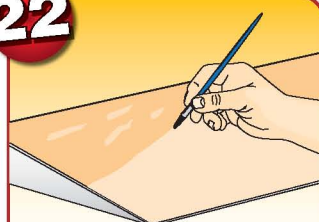
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### **i** Realistic Water

- Pour *Realistic Water* slowly over riverbed area.
- Let dry until clear (approx. 24 hours).

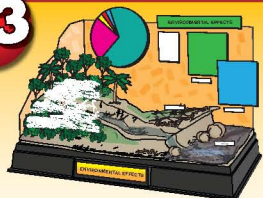
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### **i** Project Base & Backdrop

- Design a *Backdrop* that best fits your diorama. Let dry.
- Cut out with a hobby knife.
- Use craft paints to color your *Backdrop*.

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### **i** Labels

- Using *Project Glue*, attach *Backdrop* and diorama to *Project Base*.
- Make sure the label area faces forward.
- Label and add signage to your project.

## Fun Fact!

The Amazon Rainforest is the oldest rainforest in the world. It is estimated to be 100 million years old.

**i** See the A+ *PROJECTS & DIORAMAS: The Student's Handbook* (SP4171) for more information.



## More Ideas!

Personalize your project with other easy-to-use Scene-A-Rama products and scenery materials. Sculpt animals that are indigenous to the rainforest and add them to your diorama. The Scene-A-Rama Sculpting Kit includes air-dry Sculpting Clay, Project Paints, sculpting tips and more. It's so easy to add creative elements to your rainforest diorama!