GLACIERS & ICEBERGS

Here's what we used...

SCENE A RAMA® Items

- **Winter Effects**
- **Ripplin' Water Kit**
- **Plaster Cloth**
- **Small Project Base & Backdrop**

Household Items

- Corrugated Cardboard, 11" x 15"
- Craft Paints and Brushes
- Cutting Surface
- Disposable Cup
- Hobby Knife
- Masking Tape
- Newspaper
- Pan for Water
- Pencil
- Ruler
- Scissors

Did you know?

Glaciers form when more snow falls in the winter than melts in the summer. The weight of new snow falling on top of old snow causes it to compact into dense snow, which slowly turns into thick, white glacier ice. Glaciers are found in high mountains and near the North and South Poles.
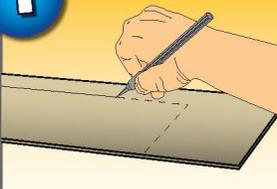
Icebergs are large floating chunks of fresh-water ice that break off or calve (KAHV) from land-based glaciers and free-float in the open ocean.

Fun Fact!

The largest recorded iceberg is labeled B-15. It had an area approximately 11,000 km². That's larger than the island of Jamaica!
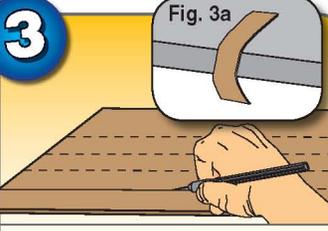
1

- Make a cardboard pad. Measure and cut a piece of cardboard 10-3/8" x 7-1/8". You will build your diorama on this pad.
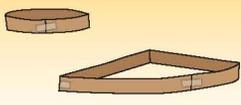
2

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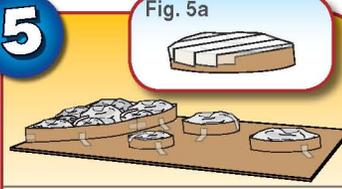- Set aside.

3

Fig. 3a

- Make glacier and iceberg forms.
- Using a pencil and ruler, draw 1/2" wide strips on a separate piece of cardboard.
- Cut out with a hobby knife.
- Run strips along the edge of a table so they are easy to shape. (Fig. 3a)

4

- Cut strips to desired lengths.
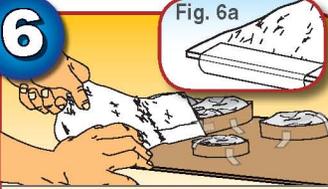- Form strips into preferred glacier and iceberg shapes and tape to hold.

5

Fig. 5a

ℹ️ **Newspaper Wads**

- Tape forms in desired locations on cardboard.
- Fill forms with newspaper wads and tape to hold shape.
- For flat topped glaciers and icebergs: place masking tape strips across top of forms. (Fig. 5a)
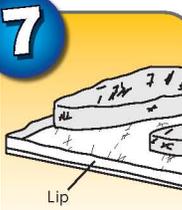
6

Fig. 6a

ℹ️ **Plaster Cloth**

- Cover with wet *Plaster Cloth* (3" strips), bumpy side up.
- Add two layers of *Plaster Cloth*.
- Overlap edges by 1/2". (Fig. 6a)

NOTE: Holes in *Plaster Cloth* will let *Realistic Water* leak through to cardboard pad (Step 11).
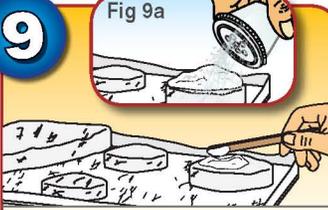
7

Lip

- Using thin, wet *Plaster Cloth* strips, build a small lip around the outer edge of cardboard.
- Pinch to shape.

8

- While *Plaster Cloth* is damp, test fit on *Project Base* with *Backdrop* in grooves.
- Make adjustments, if needed.
- Remove from *Base*.
- Weigh down while drying to keep flat.

9

Fig 9a

ℹ️ **Snow**

- Mix *Snow Base* and *Snowflakes* in disposable cup.
- Dab snow mixture on glacier and icebergs.
- Sprinkle additional *Snowflakes* while wet. (Fig. 9a)
- Let dry.

10

- Paint water area with *Water Undercoat*.
- Let dry.

TIP! The darker the paint color, the deeper the water will appear.

11

ℹ️ **Realistic Water**

- Pour *Realistic Water* slowly on water area.
- Pull out to edges with a paintbrush or *Stir Stick*.
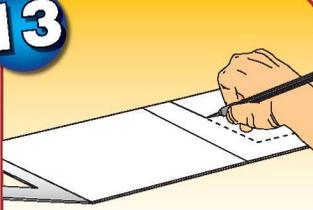- Let dry until clear (approx. 24 hours).

12

ℹ️ **Water Effects**

- Use *Water Effects* to add "waves" on top of dried *Realistic Water*.
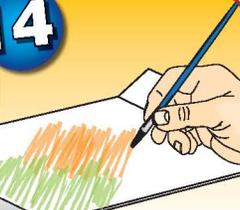- Dab on using the *Stir Stick*.
- Let dry until clear.

13

ℹ️ **Backdrop**

- Design a *Backdrop* that best fits your diorama.
- Cut out with a hobby knife.

TIP! See our diorama for ideas.

14

ℹ️ **Paint**

- Use craft paints (or markers) to color your *Backdrop*.

15

ℹ️ **Polar Animals**
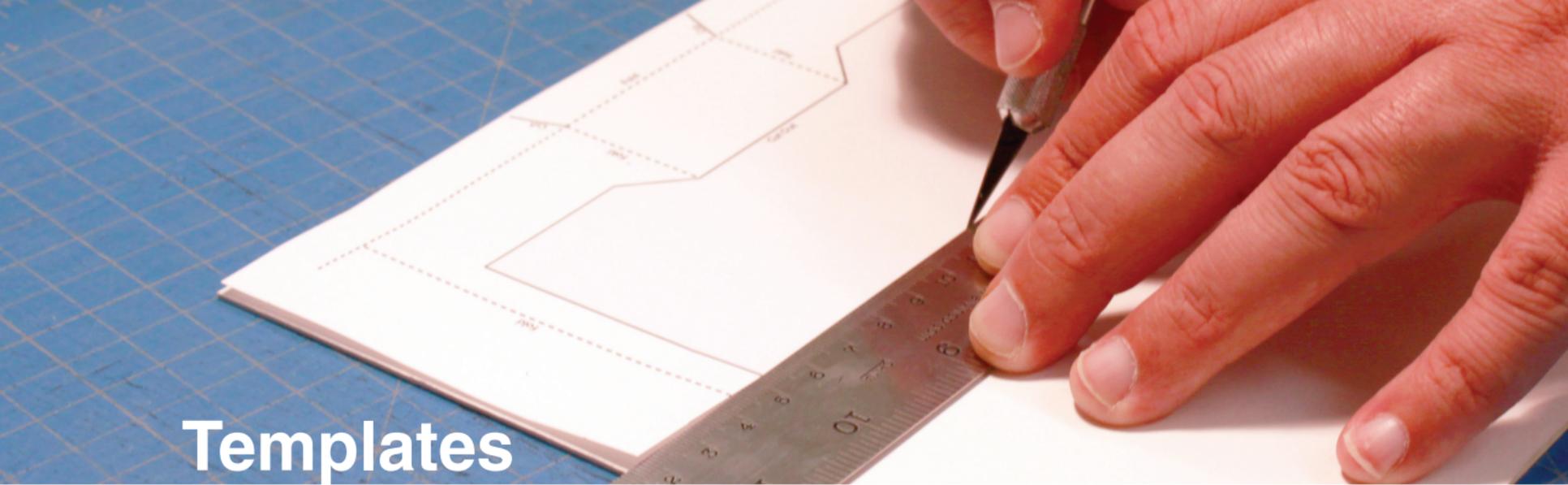
Add animals from Template section.

- Color animals to add interest and realism.
- Attach with *Project Glue*.
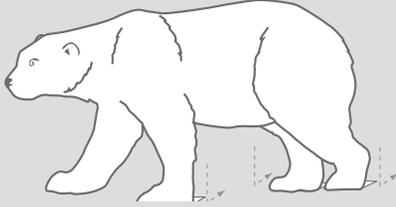
16

ℹ️ **Labels**

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

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

Templates

- Photocopy, trace or scan template onto white paper. Cut out, then trace onto specified material.
- If needed, reduce or enlarge templates to fit your diorama.
- Each template includes basic assembly instructions and needed materials.
- Read through the corresponding project instructions for clarification on using template.
- Short dotted lines -------------- indicate fold lines
- Long dotted lines — — — indicate score lines
- Bold, solid lines ——————— indicate cut lines

Polar Animals

Glaciers and Icebergs

- Copy template on white paper. Glue to Construction Board (cardstock), then cut out.
- Paint or color, as desired. Attach to diorama with Project Glue.

NOTE: Before attaching, scrape snow mixture from glue points.

fold down

cut

fold up

cut

fold up

fold under

fold under

fold under

fold under

fold under

fold under