## Here's what we used...

### SCENE A RAMA Items

- **Foliage & Grasses**
- **Ripplin' Water Kit**
- **Green Grass ReadyGrass Sheet**
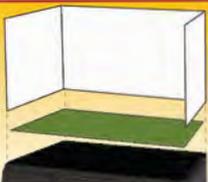- **Small Project Base & Backdrop**

### Household Items

- Cardstock 8" x 10"
- Craft Paints and Brushes
- Craft Wire
- Cutting Mat
- Disposable Cup
- Hobby Knife
- Metal Ruler
- Miniature Farm Animals
- Pebbles
- Pencil
- Scissors
- Toothpicks - Flat & Round, Wood

## Did you know?

A castle built in the Middle Ages was more than a home, it was also a fortress. To guard against attacks, most castles were surrounded by two stone walls. The walls acted as a double line of defense.
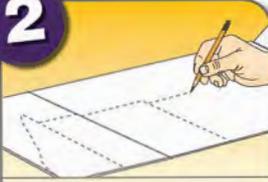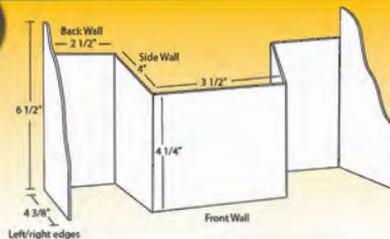
**CASTLE LIFE**

**1**

**ℹ Attach ReadyGrass**
- Cut *ReadyGrass Sheet* in half widthwise.
- Test fit *Project Base* with *Backdrop* in grooves.
- Trim *ReadyGrass*, if necessary.
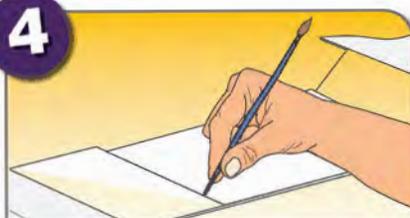- Set Backdrop aside.
- Attach per Basic Use instructions.

**2**
- The castle is formed from *Backdrop* material. This creates a unique, three-dimensional structure.
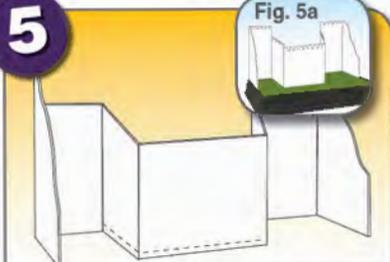- New fold lines will need to be made, and the original may not be used.

**3**

Back Wall — 2 1/2" · Side Wall 4" · 3 1/2" · 6 1/2" · 4 1/4" · 4 3/8" Left/right edges · Front Wall

- Our castle measurements (small *Project Base & Backdrop*): Left / Right Edges (4 3/8"), Back Walls (2 1/2"), Side Walls (4"), Front Wall (3 1/2")
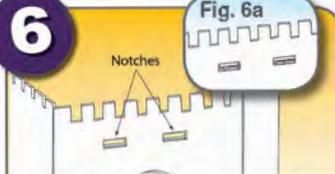- Height: 6 1/2" (tallest point), 4 1/4" (shortest point).

**4**
- Design castle, then cut out with a hobby knife.
- Make new fold lines by indenting *Backdrop* with the blunt end of a paintbrush. (Fig. 3a)
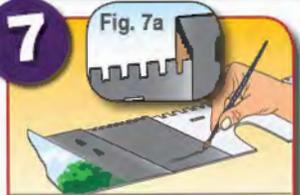
**5**  Fig. 5a
- Cut off 1/4" from bottom of *Backdrop* along side and front walls. This will allow the *Backdrop* to set flush on top of the *Project Base*.
- Test fit on *Project Base* and make needed adjustments. (Fig. 5a).

**6**  Fig. 6a

Notches
- Cut out crenellation and castle door.
- Cut out two notches on front wall.
- Cut a piece of round toothpick and glue into cutout. (Fig. 6a)
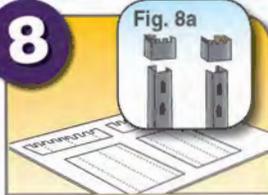- Drawbridge chain will be attached to toothpicks in Step 19.
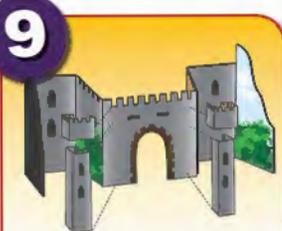
**7**  Fig. 7a

**ℹ Paint**
- Paint front of castle cutout only. Include scenery, windows and details.
- Paint exposed foam edges black. (Fig. 7a)
- Let dry, then test fit on Project Base.

**8**  Fig. 8a
- Use excess *Backdrop* material for towers and tower tops. (Fig. 8a)
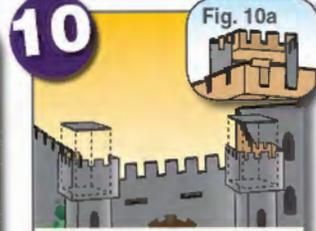- Use a hobby knife to cut crenellation. Score fold lines with blunt end of a paintbrush.
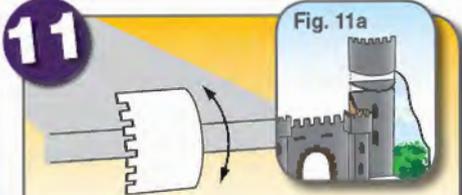
**9**

**ℹ Contact Gluing Method**
- Glue towers and tower tops in place using the Contact Gluing Method.
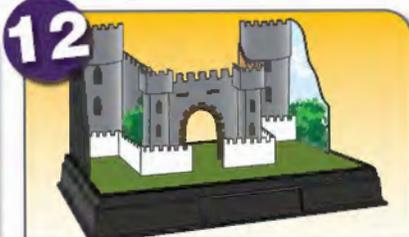- Let dry.

**10**  Fig. 10a
- Cut two squares of cardstock for tower landing.
- Test fit, then cut a flap for ladders (Step 26). (Fig. 10a)
- Paint, let dry and glue in place.

**11**  Fig. 11a
- To add side tower tops, cut out two pieces of *Backdrop* material for upper towers on back walls.
- Run along edge of a table to form curve.
- Cut two half circles to add support. (Fig. 11a)
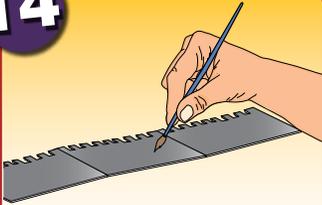- Paint to match castle. Let dry, then glue in place.

**12**
- Cut curtain wall out of *Backdrop* material.
- Test fit and make needed adjustments.

**13**
- Using a pencil, draw outline of moat on *ReadyGrass*.
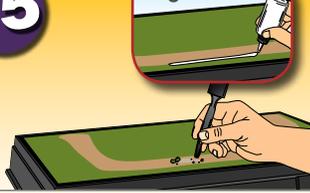- Remove castle and curtain wall.

## 14



**Paint**
- Paint front and back of curtain wall. Let dry.

**TIP!** Paint curtain wall to resemble the castle.

## 15

**Fig. 15a**



**Remove Turf**
- Wet area inside moat outline. Scrape off turf with handle of *Foam Brush*.
- Paint moat with craft paint as desired. Let dry.
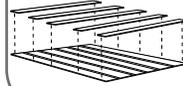- Outline entire moat with *Project Glue*. Let dry. (Fig. 15a)
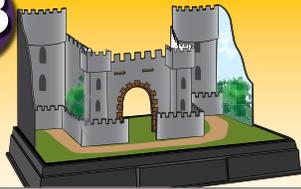
## 16

**Fig. 16a**

**Fig. 16b**

**Fig. 16c**



- Cut out a piece cardstock for drawbridge.
- Draw lines to represent wood planks on cardstock (Fig. 16a), then indent with dull end of paintbrush. (Fig. 16b)
- Cut five strips of cardstock for wooden cross sections.
- Align strips on backside of cardstock then glue in place. (Fig. 16c)
- Let dry, then paint as desired.

## 17



- Create a portcullis from flat toothpicks.
- Cut off point end and split in two for cross-sections.
- Glue together with *Project Glue*.
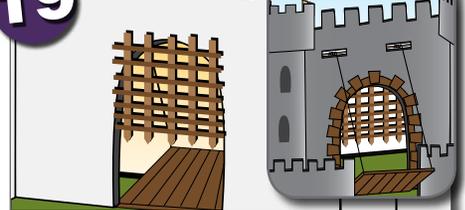- Let dry, then paint as desired.

## 18



**Contact Gluing Method**
- Test fit castle and curtain wall on *Project Base*. Make any final adjustments.
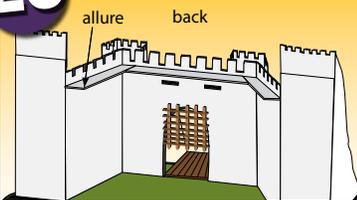- Glue in place using the Contact Gluing Method.
- Let dry.

## 19

**Fig. 19a**



- Glue portcullis and drawbridge in place.
- Attach front end of drawbridge with craft wire.
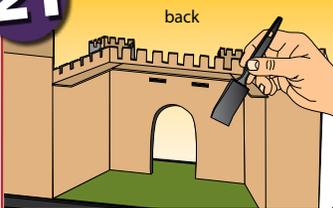- Glue top of wire to toothpicks glued in cutouts in front wall. (Fig. 19a)

**TIP!** Paint black lines on wire for a chain-like look.

## 20

allure     back



- Cut strips of *Backdrop* material to create the allure.
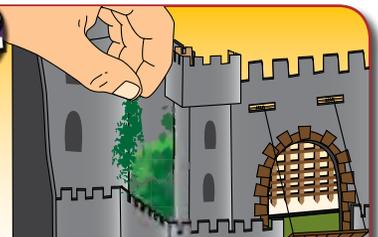- Attach with *Project Glue*.
- Let dry.

## 21

back



**Paint**
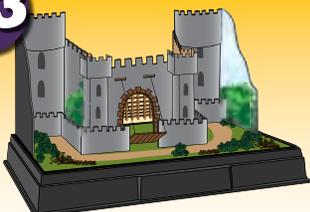- Paint backside of castle as desired.
- Let dry.

## 22



**Project Glue in Spray Bottle and Foliage Fiber**
- Prepare *Foliage Fiber* per Basic Use instructions.
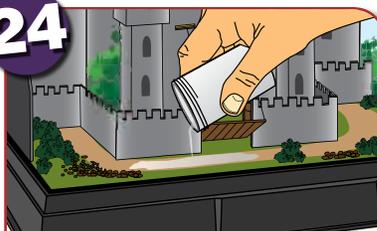- Let dry.
- Glue to side of castle.

## 23



**Ground Cover**
- Spray *Project Glue* where you want thicker areas of greenery. Sprinkle *Green Grass* over *Glue*. Spray again to seal.
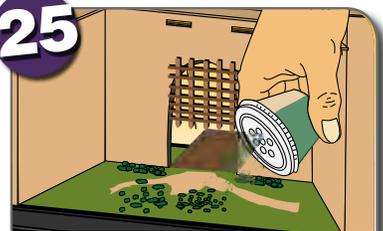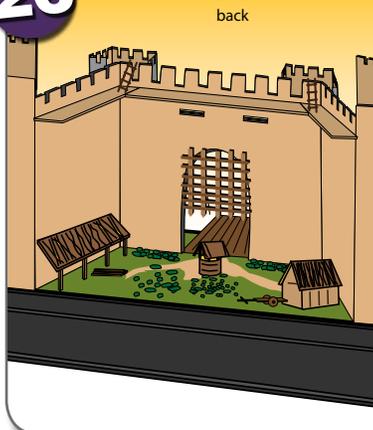- Attach *Bushes* and pebbles where desired with *Project Glue*.

## 24



**Realistic Water**
- Pour *Realistic Water* slowly on moat area.
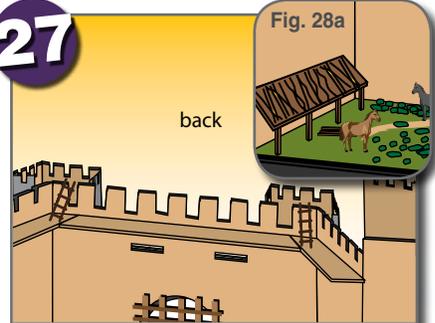- Pull out to edges with *Stir Stick*.
- Let dry until clear (approx. 24 hrs.)

## 25



- On backside of castle, remove turf to make paths.
- Sprinkle additional *Accents* to add texture and spray with *Project Glue* to seal.

**26**

back

**Ideas!**

- Add required elements to your project from leftover materials and household items. See our diorama for ideas.
- Use excess *Backdrop* material (or foam board) to make a stable.
- Make a well from excess *Backdrop* material. Use toothpicks for posts and cardstock for well roof.
- Build a kitchen. Use cardstock for walls and excess *Backdrop* material for roof.

**27**

back

**Fig. 28a**

- Create small ladders from flat toothpicks.
- Attach miniature farm animals for a touch of realism. (Fig. 28a)

**28**

CASTLE LIFE

**Labels**

- Label your project to point out the required elements.
- Print labels on cardstock and attach to craft wire or glue directly to element.
- Label front of Project Base.

See the *A+ Projects & Dioramas: The Student's Handbook* **(SP4171)** for more information.

**Fun Fact!**
The job of "taster" was one of the most dangerous. He tasted food before the royals to make sure it was not poisoned.

## More Ideas!

Building a castle is easier than you think! Draw a "brick pattern" on Project Board, and then score the pattern with a hobby knife. This adds an authentic brick-look to the castle.

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