

ENERGY EFFICIENCY

Here's what we used...

SCENARAMA® Items

- Mountain Diorama Kit
- Scene Setters: Alternative Energy
- Small Project Base & Backdrop

Household Items

- Black Construction Paper
- Cutting Surface
- Disposable Cups
- Hobby Knife
- Masking Tape
- Measuring Spoons
- Sandpaper - Medium Grade
- Newspaper
- Pan for Water
- Scissors

Did you know?

Wind turbines convert the kinetic energy of wind into mechanical energy, creating a renewable energy source. Modern wind turbines are often found on wind farms to commercially produce electric power.

Fun Fact!

An increasing number of homes across the United States are becoming environmentally friendly by using renewable energy sources, like wind.

Helpful Hint

Use our diorama as a guide to create your own unique energy efficient home.





1 Rock Castings

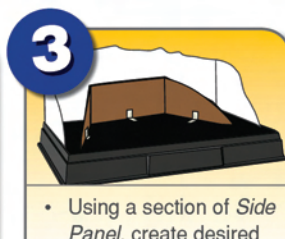
- Mix and use *Casting Plaster* per Basic Use instructions.
- Pour into *Rock Mold*, let set for 30-40 minutes.

TIP! For a variety of rock sizes, fill mold less than half full and prop at an angle until set.



2 Project Base & Backdrop

- Design outline of terrain from *Backdrop*.
- Cut out with hobby knife.
- Test fit on *Project Base*, then attach with *Project Glue*.
- Make sure label area faces forward.



- Using a section of *Side Panel*, create desired cutaway mountain area.
- Include a space for house facade and retaining walls.
- Cut out with a hobby knife.
- Attach with masking tape.



4 Newspaper Wads

- Arrange newspaper wads into desired terrain shape behind cardboard.
- Tape to hold shape.



5 Plaster Cloth

- Using sandpaper, rough up flat area of *Base*.
- Cover diorama with wet *Plaster Cloth* (3" strips), bumpy side up (do not cover grooves in base).
- Smooth each strip with wet fingers. Let dry until slightly damp.



6 Attach and Blend Rocks

- Attach rocks to terrain.
- Poke 1" strips of wet *Plaster Cloth* around rock edges to fill in gaps.
- Let dry.



7 Leopard Spot

- Dilute *Rock Colors*.
 - Paint rocks with Leopard Spot technique.
- NOTE:** Save some diluted *Rock Colors* for Steps 9 and 14.



8 Earth Undercoat

- Brush diluted *Earth Undercoat* over entire terrain (avoid rocks).
- Let dry.



9 Color Talus

- Pour *Talus* into remaining *Rock Colors*.
- Mix with *Stir Stick*.
- Remove *Talus*, and let dry on newspaper.



10 Project Glue in Spray Bottle

- Spray diluted *Project Glue* on desired greenery areas.
- Sprinkle *Green Grass* on *Glue*.
- Sprinkle *Accents*, individually or as a mixture over *Green Grass*.
- Spray with *Project Glue* to seal.



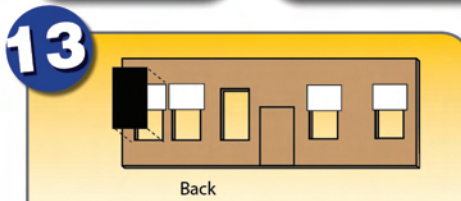
11 Conifer Trees

- Make *Conifer Trees* from *Foliage Fiber*.
- Attach *Talus* with *Project Glue*.
- Attach *Shrubs* with *Project Glue*.



12 Buildings & Structures

- Use a section of *Side Panel* to create house facade.
- Cut out with a hobby knife.
- Paint, if desired.
- Use a fine-tip marker to outline window and doors.



- Cut out windows with hobby knife.
- Glue small strips of white paper to backside of house facade as window coverings.
- Cut out black construction paper and cover windows.
- Glue house facade in place.



- Using a section of *Backdrop*, cut out retaining walls and any facade embellishments (roof, trim, etc.).
 - Stain with diluted *Rock Colors*.
 - Attach with *Project Glue*.
 - Add additional landscape details.
- TIP!** See *Brick Pattern* in *Buildings & Structures* (pg. 152) to add a brick design if desired.



15 Labels

- Use *Project Glue* to attach *Scene Setters* in desired areas.
- Poke a hole in terrain to install *Wind Turbines* or use optional base.
- Label and add signage to your project.