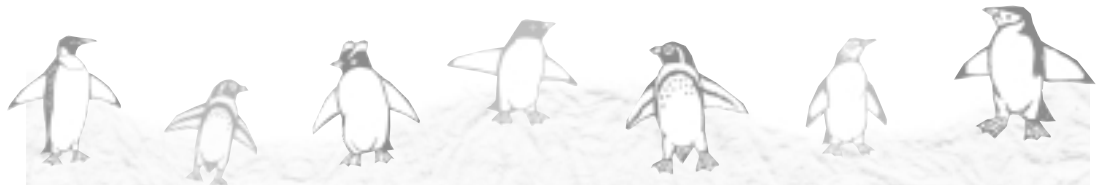
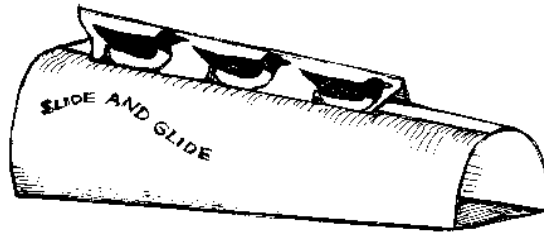
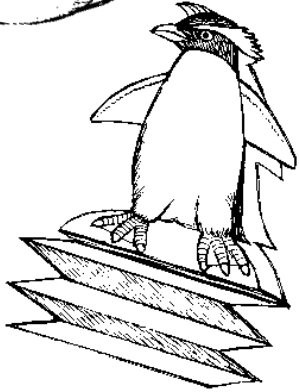
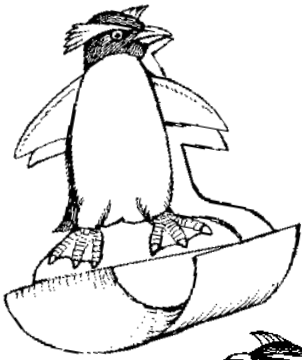


# Waddle and Hop

# Slide and Glide

Children make models that illustrate three ways penguins get around on land: hopping, waddling, and tobogganing.



## Penguin Particulars

**P**enguins can't fly. And though they are expert swimmers and most at home in the sea, penguins must also get around on land. A penguin isn't built for taking long strides. Its long torpedo-shaped body has short legs positioned far back on its body. This makes their gait an awkward waddle. They may look clumsy, but most penguins can walk about as fast as a person.

Many penguins also hop to climb slopes or cross over rocky areas. The aptly named rockhopper penguin can hop up a slope 400 feet (120 m) high by taking short hops from one boulder to another. If the slope is too steep, a rockhopper can grasp a rock with its hooked beak and pull itself up.

A third way penguins get around on land is by sliding on their bellies. This is called tobogganing. First a penguin flops on its stomach, then it slides and glides along on the ice and snow pushing with its feet and paddle-like wings. A penguin can toboggan for miles, moving much faster than it could by waddling or hopping.



## Making the Models

# Waddle and Hop

**1** Photocopy page 36. Color the two rockhopper penguins, if desired. Use the penguin poster on pages 11–13 as a coloring guide.

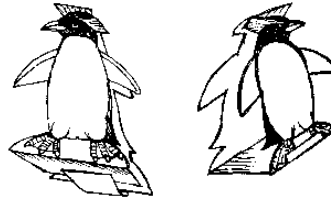
**2** Cut out both double penguins along the solid black outer lines.

**3** Fold each penguin in half along the dotted line on top of its head.

**4** Fold the flap and tab along the dotted lines under the penguin's feet.



**5** Tape the bottom flap, as shown, to give each penguin a stable base.



**6** Tape the WADDLE penguin's base to both ends of the construction paper square, as shown. The paper will make a rocker.



**7** Fold the 4- by 8-inch strip of construction paper into an accordion, with each fold about 1 1/2 inches wide.



**8** Tape the HOP penguin onto the top fold. Then tape the top two folds of the accordion together as shown.



## Materials

- ❄️ reproducible page 36
- ❄️ 4-inch square of construction paper
- ❄️ scissors
- ❄️ tape
- ❄️ 4- by 8-inch strip of paper
- ❄️ crayons, colored pencils, or markers (optional)

# Waddle and Hop

