

WOODWORKER'S WJOURNAL

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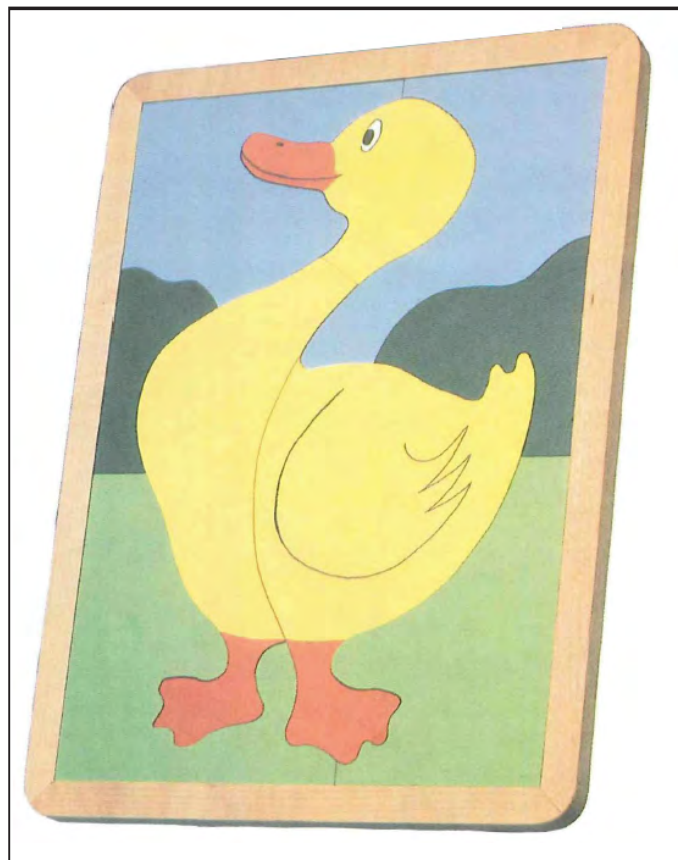
Classic Plan

Child's Duck Puzzle

In this plan you'll find:

- Step-by-step construction instruction.
- Construction drawings
- Tips to help you complete the project and become a better woodworker.

These plans are best viewed with Adobe Reader installed on your computer. If you want to get a free copy, visit:
<http://adobe.com/reader>.



Child's Duck Puzzle

Children always seem to enjoy the challenge of a puzzle, and we think this one, designed for two- to four-year olds, should be no exception. The base and the puzzle parts are made from $\frac{1}{4}$ in. thick birch plywood, while the edging is $\frac{1}{2}$ in. thick solid maple. Since small parts present a choking hazard to young children, we designed the puzzle making sure that all parts are big enough to be safe.

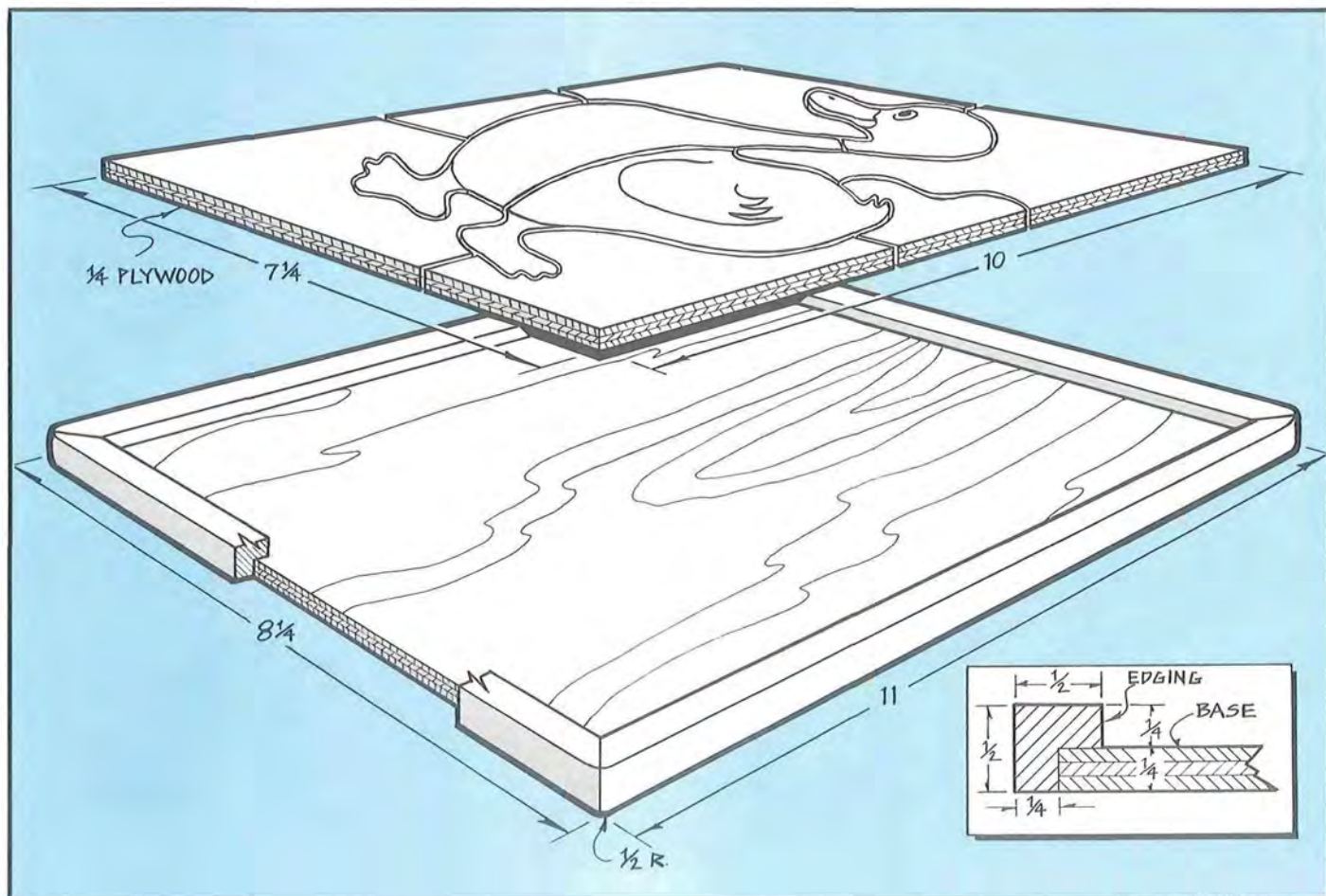
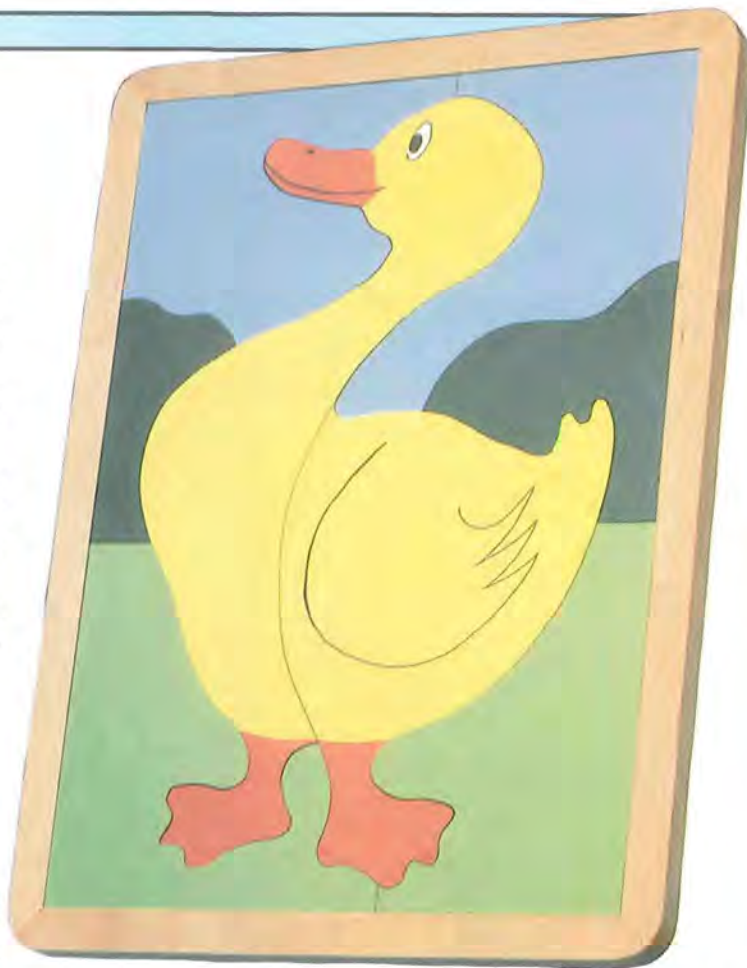
Start by cutting the plywood to $7\frac{1}{4}$ wide by 10 in. long, then transfer the full-size duck pattern shown. Note that the double line represents the cutting line for each of the puzzle parts. Use either a band saw equipped with a $\frac{1}{8}$ in. blade or a scroll saw to make the cuts.

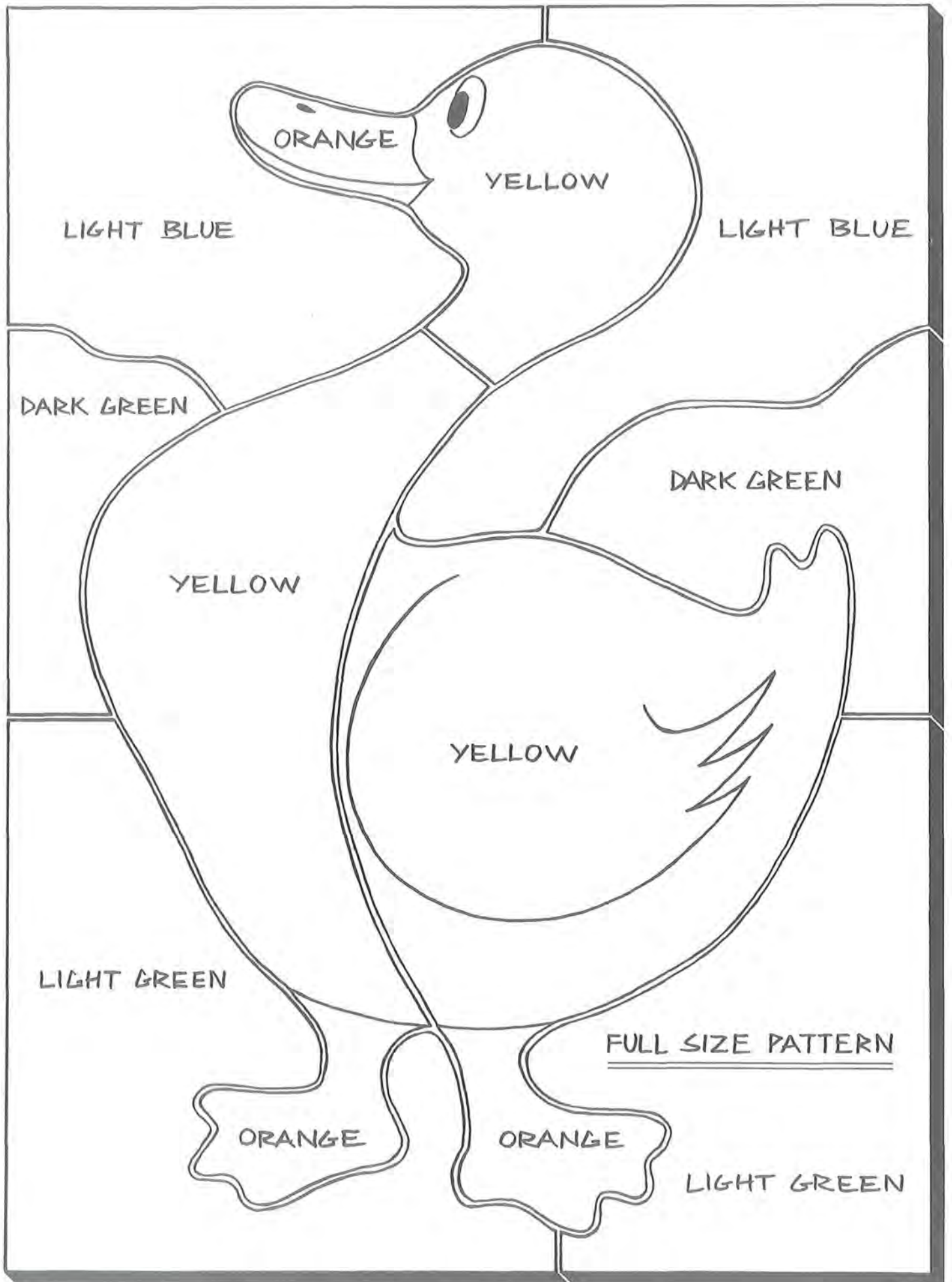
Now paint the puzzle parts. Keep in mind, though, that young children sometimes chew on toys, so it's important to use paints that are non-toxic.

You'll need five: red, blue, green, yellow and white. Orange is a mixture of three parts yellow and one part red, light blue has three parts white and one part blue, and light green consists of three parts yellow and one part green.

Next, cut the plywood base and edging, then assemble as shown. Final sand, taking care to remove any sharp edges. No final finish is needed.

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ORANGE

YELLOW

LIGHT BLUE

LIGHT BLUE

DARK GREEN

DARK GREEN

YELLOW

YELLOW

LIGHT GREEN

FULL SIZE PATTERN

ORANGE

ORANGE

LIGHT GREEN