

# Painting and Carving Wood

## XIV. RHYTHM ON THE WALL

### Supplies:

#### Painting

Gesso (available from art supply stores)

Acrylic paints

foam brushes

#### Template materials

watercolor pencil

cardboard, clear plastic

scissors, exacto knife

Edge jig

#### Carving

Reciprocating power carver

Rotary carver

hand carving tools

carbide tips

flex cut blades

available from various woodcarving sources.

<http://treelineusa.com/>

<http://www.chippingaway.com/>

holding device...vacuum chuck, clamp

bandaids

#### Finishing

Deft wood finish lacquer

Krylon clear acrylic coating

or any compatible finish matte, satin or gloss

#### Sequence

Sand to 220 grit

Paint with 1-2 coats of acrylic paint or Gesso

Seal with finish (optional)

Index rim if desired

Transfer design use edge jig if needed

Carve design through paint

Wash with another color if desired

Seal with finish

#### Sources of design ideas

Nature

Geometric patterns

pottery designs

books such as

*Symmetry A Unifying Concept*

by István & Magdolna Hargittai

ISBN 0-679-76945-5 Random House

#### Considerations

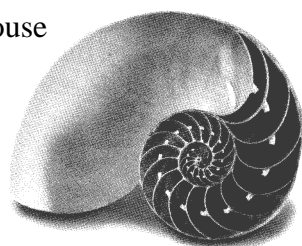
Randomness (with rules??)

Set pattern

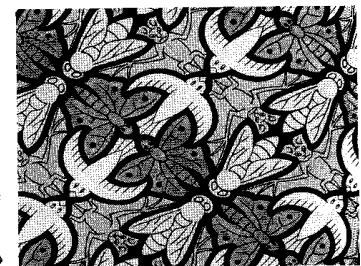
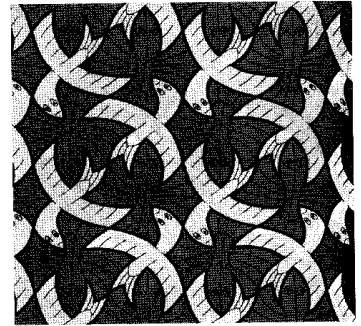
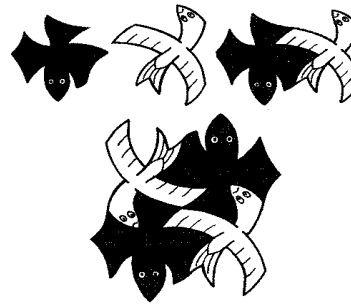
Color/wood complements

#### Inspiration

Al Stirt



The motif of this Escher drawing is formed from a bird and a fish. The pair is first rotated by half a turn, and this unit of the two pairs is then repeated in two directions. (M. C. Escher, *Symmetry Drawing E 115—1963.*)



Another of Escher's drawings contains four kinds of animals: a falcon, a fly, a butterfly, and a bat.



The basic unit is a square that consists of one-half of all four animals. This square unit is then repeated by mirror reflections to cover the whole plane. (M. C. Escher, *Symmetry Drawing E 81—1950.*)



#### Folk Art

Decorations displaying exclusively rotational symmetry often occur in folk arts. Old Native American pottery has decorations with a wealth of rotational-only symmetry.



Pueblo pottery, 2-fold



Pueblo pottery, 3-fold



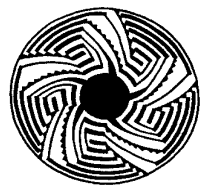
Mimbres pottery, 4-fold



Pueblo pottery, 4-fold



Pueblo pottery, 5-fold



Pima pottery, 5-fold



Pueblo pottery, 7-fold



Pueblo pottery, 7-fold



Mimbres pottery, 8-fold

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