Four Fold Door Book by Dinah Zike

1. Use 18” x 12” construction paper.
2. Make a shutter fold by bringing in side edges to the center of the paper (9”).
3. Make a hamburger fold.
4. Open up and cut sides along center fold. There should be 4 equal flaps.
5. This organizer can be landscape or portrait.
Possible Notes

**Cochineal Animal**
1. Scale insect.
2. Parasite that lives on prickly pear cactus.
3. Covered by white, cottony, waxy mass.
4. Female makes carminic acid for protection. Bright scarlet dye.

**Dyeing With Cochineal**
1. Prepare wool with mordant.
2. Grind up insect.
3. Mix with water, heat, and soak.
4. Dry, make art project.

**The Americas**
1. Cochineal is native.
2. Aztec, Moctezuma, used dye.
3. Farming insects.
4. Dyed cloth, baskets, skin, pot, books, medicine.

**Europe, Asia, Africa**
1. Red is symbol of power, used by royalty and church.
2. Cochineal worth its weight in gold.
3. Spain controlled the buying and selling of cochineal.
4. Other countries used piracy, slavery, and bribe to get it.

**Tidbits**
1. Roughly 70,000 dried cochineal equal one pound.
2. Cochineal was used in colonial recipes.
3. Artificial dyes replaced cochineal.
4. Cochineal only natural dye used today instead.
Cochineal

Dyeing with Cochineal

Origins

Trade
**Cocinheira Animal**

1. Scale insects.
2. Remove the dried powder by sieving or crushing.
3. Squash by weighting, burning, or soaking.
4. Female makes a dark red dye.
5. Female makes a black dye for protection. Bright red for projects.

**The Americas**

1. Cocinheira is native.
2. Aztec, Maya, and Inca used dye.
3. Farmed insects.
4. Dyed cloth, baskets, skins, pottery, books, and medicine.

**Europe, Asia, Africa**

1. Red is a symbol of power used by royalty and others.
2. Cocinheira makes a red dye used in gold.
3. Spain controlled the buying and selling of the dye.
4. Other countries used dyes for painting and medicine.

**Dyeing with Cocinheira**

1. Prepare wool with ice-water.
2. Grind up insect.
3. Mix with water.
4. Heat and work.
5. Dry. Make art projects.