



Weaving and Fibers

Cardboard Loom

Weaving



Objectives:

1. define color and color families
2. define texture
3. create a cardboard loom
4. dress and weave with yarn
5. remove weaving from loom

Materials:

1. cardboard rectangle
2. ruler
3. pencil, tape
4. scissors
5. cotton warp, yarn, fibers
6. Cardboard Needle or Needle

Assessment:

Students Reflection and display weaving in art.

Periods/Movements:

Arts and Crafts Movement

Elements/Principles:

Texture, Color, Movement, Pattern

Media

Fibers

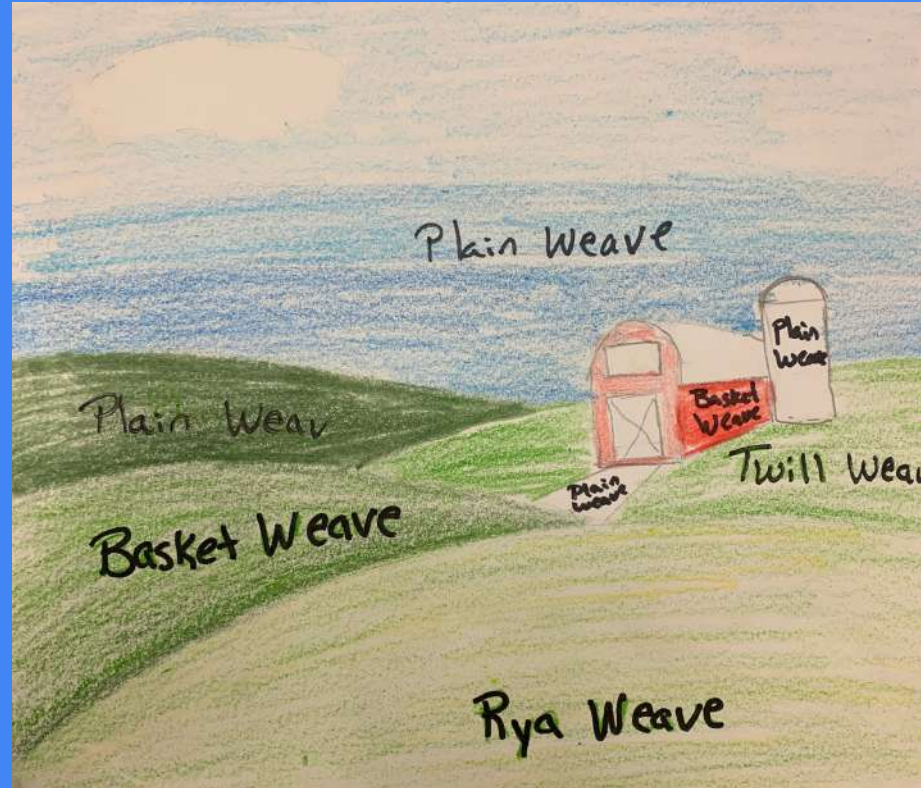
Cross-Curriculum:

Math

Practice Procedures:

1. Draw out your design on white paper
2. Include a Foreground, midground, and background for your design
3. Include a minimum of 5 colors
4. Include a minimum of 3 different weaving techniques/stitches: Plain Weave, Basket Weave, Box Weave, Rya Weave, Twill Weave
5. Get sketch approved by teacher

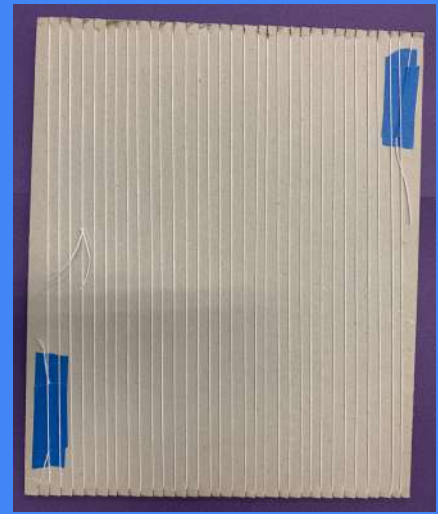
Practice Design Example



Cardboard Loom Procedure:

1. The teacher will demonstrate all the steps.
2. The students will gather all the tools and materials for their project.
3. *(Some students may need to: Mark off every 1/2 inch on cardboard, top and bottom, even up & Cut notches with scissors)*
4. Thread the cotton yarn on the loom, by starting at the bottom and have a 6" lead on the yarn.
5. Dress from bottom to top, etc until you reach the end.
6. Leave a 6" lead on the cotton.
(You will tape both ends to the cardboard on the back)

Back



Front





#metkids

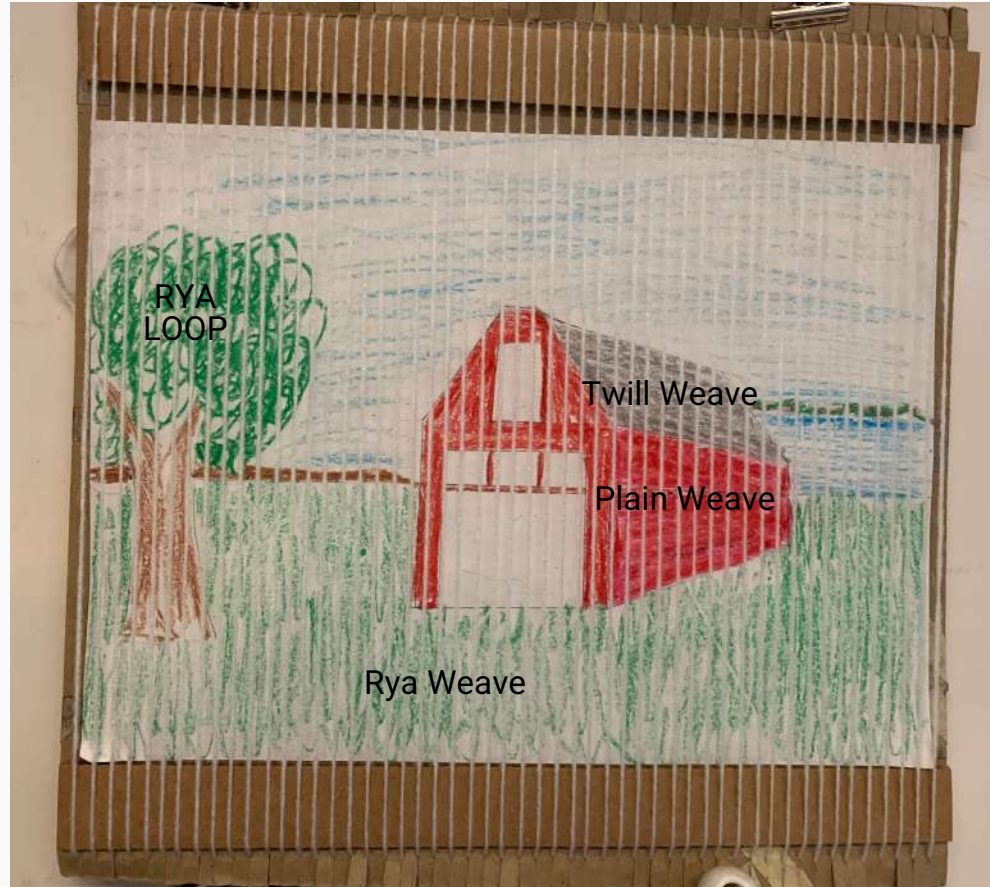
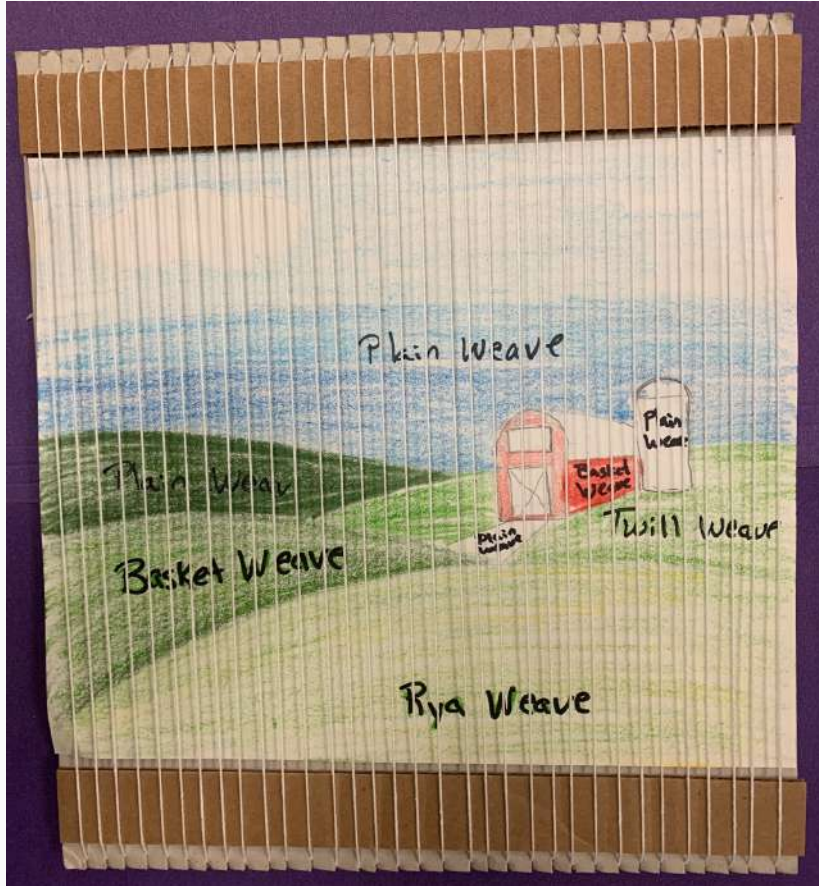
Video:
Weave on a
Mini Loom

DIY CARDBOARD LOOM



**Video:
DIY
Cardboard
Loom**

Practice and Loom Set-up



Weaving Techniques

Weaving Techniques

Rya Weave

Box Weave

Basket Weave

Plain Weave



Weaving Techniques



Video:
Plain
Weave



Video:
Basket
Weave

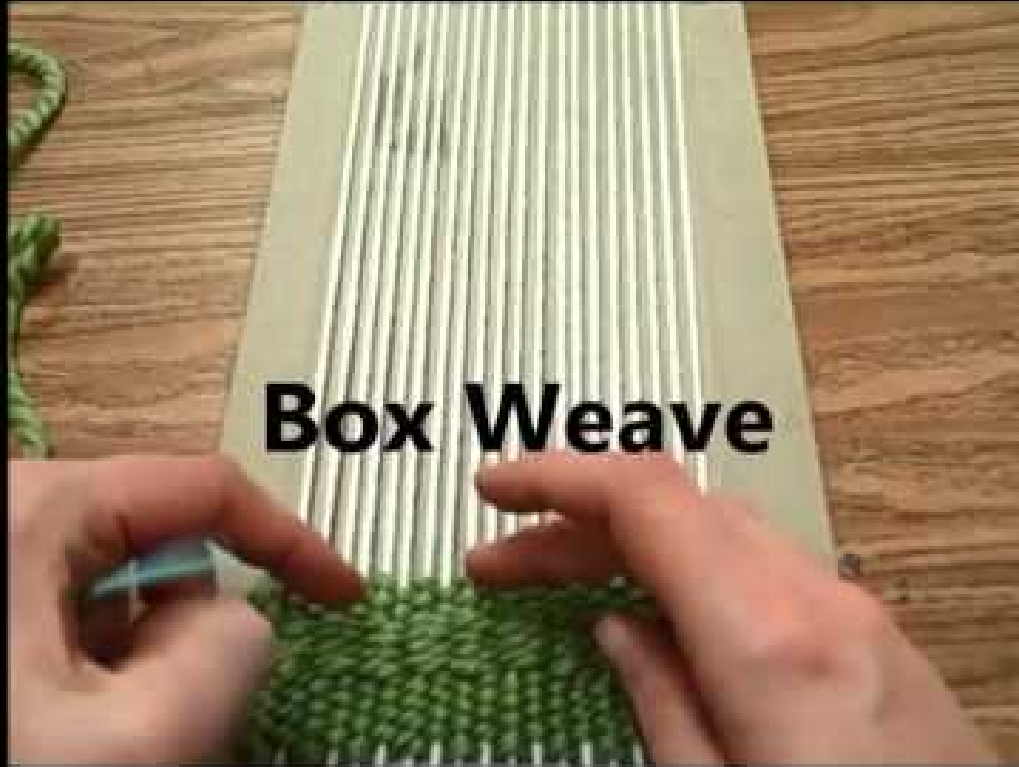


RYA LOOPS TUTORIAL

Video:
Rya Loop
Weave



Video:
Weaving
Techniques
Chevron Twill



Video

Weaving

Techniques:

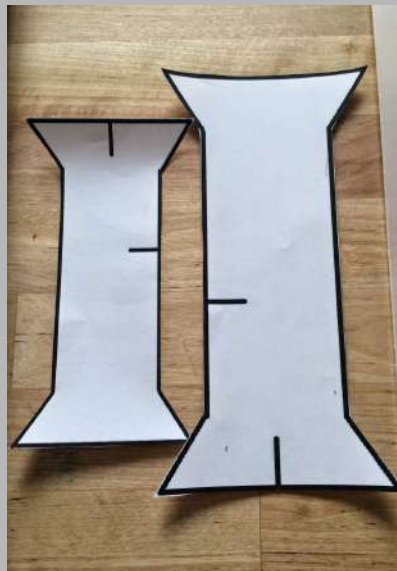
Plain Weave

Basket Weave

Box Weave

Rya Weave

Homemade Yarn Bobbins/Spools



<http://rosebud-productions.blogspot.com/2014/05/diy-homemade-yarn-bobbins.html>

Weaving Procedures:

1. Use 5 pieces of 2 x 3 cardboard to wind your different yarn colors on to create 5 bobbins/spools of color
1. Weft on your first weaving Technique by begin to weaving over and under with your yarn on a bobbin/spool.
1. Gently push down with a your fingers to make the first row.
1. Weave back on the opposite threads, under and over until you reach the end. Make the diagonal and then beat down.
1. Repeat till your section is completed with your 1st weave technique
1. Pick your next weave technique and repeat the above for that section using weave technique 2

7. Pick your next weave technique and repeat the above for that section using weave technique 3
8. Continue weaving until 1/4" from top. Make sure you use a minimum of 3 weaving techniques and 5 colors
7. Pull warp loops off bottom first, and tighten up.
7. Insert a stick for the top into the loops to use for hanging or tighten the top loops, double knot and cut off.
8. Write a reflection and present/display for class

Weaving on a Cardboard Loom



Hanging Dowel Weave Tied-off Weave



FRONT

BACK



Cardboard Loom Weaving

1.

Yarns, Ribbons, etc
Scissors, Fork
Needles
Ruler, tape
Cardboard, Pencil



With a ruler, mark off every $1/4$ " or $1/2$ ". Cut notches.



Warp.

These are your vertical threads.



Warp

Attach 6" loose ends to back with tape.



Weft

With yarn in small bobbins, weave over & under for one row. Keep yarn at a diagonal so it won't pull tight.



Basic Plain Weaving Only

You need 3 different Weaves

Cardboard Loom Weaving

2.

After weaving a few rows, push rows towards bottom with fork to tighten weft.



Adding new color
Weave old color to end and leave 6". Weave new color in next row with 6" lead



Finishing
Weave to top $1/4$ "
Take off bottom, and tighten ends.
(For Fringe, leave bottom loops)



Take off top.
Cut loops in half and double knot.
(Fringe- knot both top & bottom)



If you want fringe, do not cut knots but leave hanging and then trim to even out ends.



Cardboard Loom Weaving Criteria

1. Create a sketch

- Color
- Label each are with the weaving Technique you will use

2. Use a minimum of 5 colors

3. Use a minimum of 3 Weaving Techniques

- Basket Weave
- Box Weave
- Rya Weave
- Rya Loop Weave
- Plain Weave
- Twill

4. Use a minimum of 3 different landscape details

- grass,
- hills,
- mountains
- water
- sky
- 1-1

5. Landscape has the following 3 parts

- Foreground
- Midground
- Background

6. Use a minimum of 2 Detail

- Structure/Building
- Animal
- Flower
- Tree
- Boat
- Car
- Truck
- Rocks



Video:
10
Weaving
Mistakes



Video:





