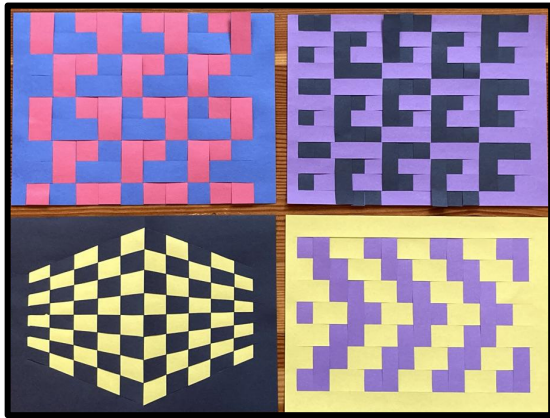


PAPER WEAVING

GRADES PK+



MATERIALS

- Different colored paper
- Scissors
- Ruler
- Pen or Pencil
- Optional: craft cutting mat, hobby knife or razor blade, paper cutter



OBSERVE

Allow children to learn the basic weave pattern. Watch how they construct their understanding of visible and hidden paper sections.



CREATE

Using the [Simple Paper Weaving video tutorial](#), change different variables, like the size of both vertical and horizontal strips, to create different effects.



PLAY

After the basic checker pattern is made, how will changing the over/under pattern change the design? What other designs can you make?

KEY CONCEPTS

Patterns

Different repeating patterns can create unique designs.

Geometry

Various geometric concepts like shapes, angles, and different types of symmetry.

Spatial Reasoning

Relational vocabulary (over, under, above, below, right, left, etc.).

Art

Concepts of color, shape, use of different materials.

QUESTIONS TO ASK

- What are some other materials that can be woven?
- How might you change the weave pattern?
- What do you notice about how the shape of the strips can change the pattern?
- Where do you see weaving in your world?

RESOURCES

[AIMS HANDS ONLINE Webinar](#)

[3D Illusion Weaving](#)

THINGS TO NOTICE

- Child's interest, joy, play, and perseverance in creating
- Child's use of vocabulary as they weave their designs
- How do they relate what they are doing to other math concepts (fractions, counting, geometry)?

LITERATURE CONNECTION

[Rainbow Weaver/Tejedora del Arcoiris by Linda Elovitz Marshall and Elisa Chavarri](#)

[Circle Unbroken by Margot Theis Raven](#)