Creative Curiculums

CURIOUS CONSTRUCTION

BY LINDSAY WOGE

Become an architect of paper and cardboard, while stacking, connecting, and balancing your way to a curious construction!

Kindergarten learning goals:

- 2.3 K.A.2 Analyze, compare, create, and compose two- and three-dimensional shapes.
- 2.4 K.A.4 Classify objects and count the number of objects in each category.
- 9.1. V K.A Know and use basic elements of visual arts (shape and form).



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Creative Curriculums **ACTIVATE**

CURIOUS CONSTRUCTION

Make the tools of your trade! Build solid and flat shapes with the help of a grown-up.

Materials: Reclaimed paper (calendars, magazines, etc.), paperboard (flattened cereal or cracker boxes), small boxes (raisins, toothpaste, soap, tea, etc.), scissors, marker or pencil, tape, optional: stickers or washi tape to decorate the building materials.

Make rings: Roll up a piece of paper into a tube and tape along the seam. Cut equal segments to make rings.

Make blocks: Tape shut the ends or lids of small boxes to make building blocks.



Make slotted shapes: Cut a variety of shapes out of paperboard. Cut a few 1/2" - 3/4" notches on the edges of each shape to make connectable, slotted shapes.









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Explore flat and solid shapes to take your engineering to new heights.

Sort: Make one pile of all of the flat shapes and one pile of all the solid shapes. Try sorting the flat shapes into three-sided shapes, 4-sided shapes, and curvy shapes.

Count: How many flat shapes do you have? How many solid shapes do you have? How many shapes do you have all together?



Compare: How are the flat shapes the same as or different from the solid shapes?





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CURIOUS CONSTRUCTION

See what types of structures you can make.

Try it: Stack the solid shapes as high as you can! Connect the flat shapes as long as you can!

Test it: How can you balance flat shapes on top of a solid one?

Dream it up: Build and rebuild. What does your structure remind you of? A castle? A truck? A bird?





Creative Curriculums SHARE

CURIOUS CONSTRUCTION

Create a playscape to remember.

Bring it to life: Add small toys or action figures to your creation, or make your own cardboard characters.

Play up a storm: What adventures will they have there? How does this discovery make them feel?

Make it last: Ask your grown-ups to photograph and print a picture of your construction before cleaning it up (or recycling it). With the help of a grown-up, write or tell about how you built your structure and/or the story of your toys playing with it.



