

Binomial Cube — Pattern and Sequence

Base Sheet

Activity Sheet

The child works with the binomial cube, building it outside the box by carefully matching colors and sizes. This advanced sensorial work develops spatial reasoning, pattern recognition, and concentration.

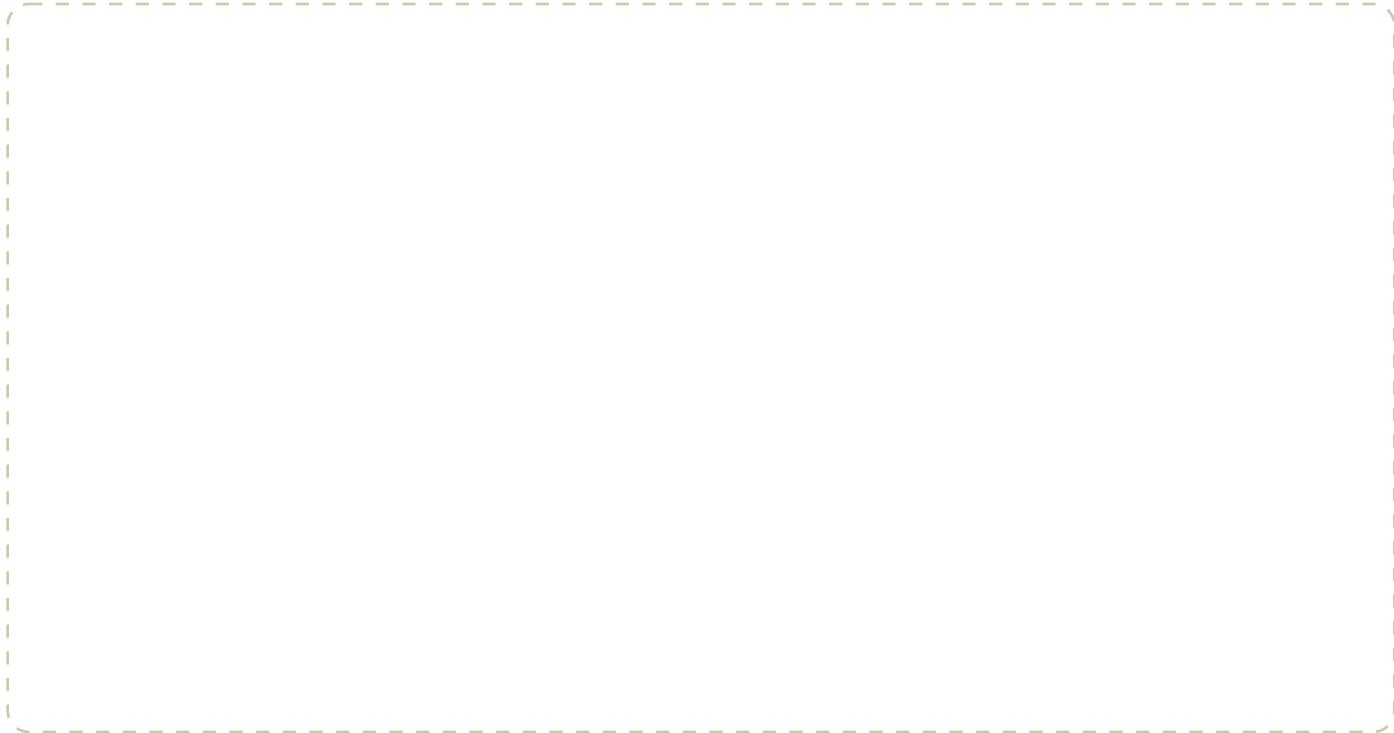
What You Need:

- Binomial cube
- Work mat
- Optional: control chart (painted box lid)

Steps:

1. Present the binomial cube. Open the box and carefully remove each piece, maintaining the layer arrangement.
2. ~~This cube has a pattern! Let's look at the first layer.~~ Point out the large red cube and the rectangular prisms.
3. ~~Build the first layer outside the box: red cube in the corner, then matching rectangles along the edges.~~
4. ~~Build the second layer: blue cube, matching rectangles.~~
5. 'Now see if you can build it on your own, using the painted pattern on the box lid as a guide.'
6. ~~Once built, slide the entire cube back into the box.~~
7. Repeat independently.

Work Space:



Montessori Homeschool • Print on US Letter (8.5 x 11") • Activity sheet — print on standard paper