

Constructive Triangles — Large Hexagonal Box

Base Sheet

Activity Sheet

The child works with the large hexagonal box of constructive triangles, discovering that a hexagon can be formed from six equilateral triangles. This extends previous triangle work into more complex polygon construction.

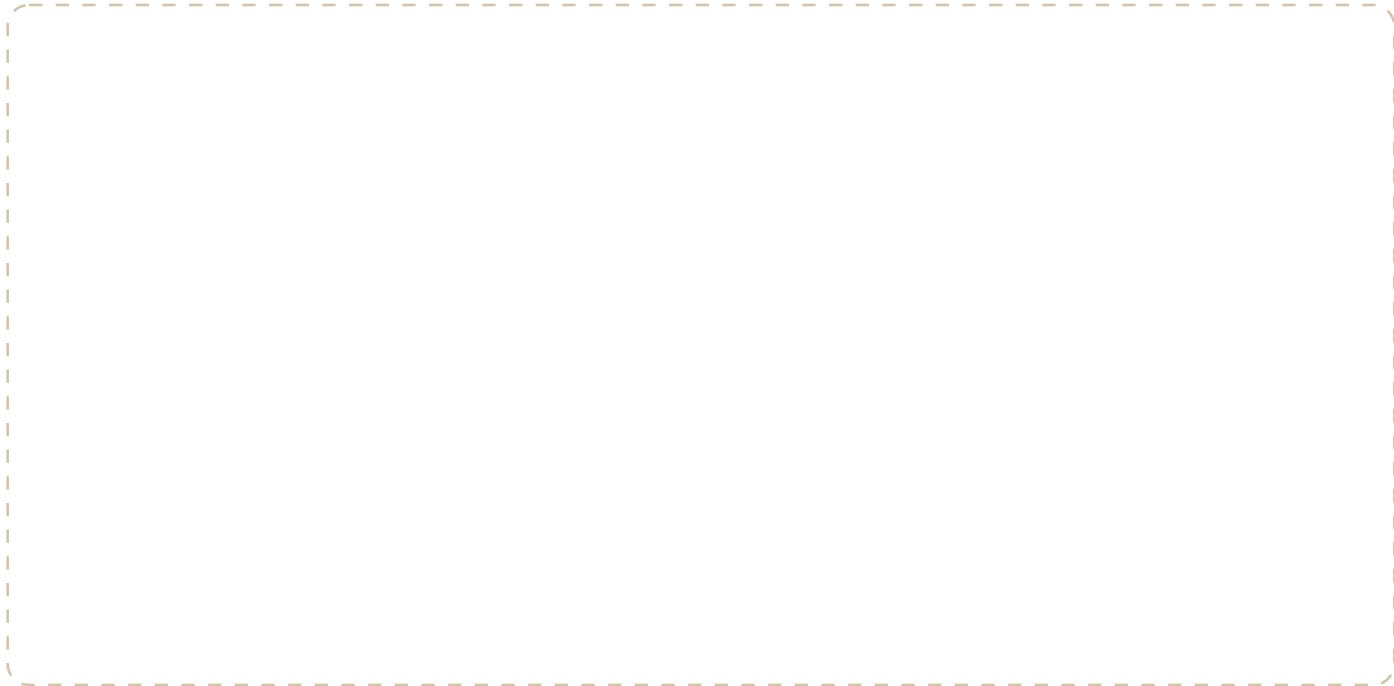
What You Need:

- Constructive triangles — large hexagonal box
- Work mat
- Geometry notebook
- Colored pencils

Steps:

1. Present the large hexagonal box. Remove all triangles.
2. 'Can you find triangles that are the same size and shape? Sort them into groups.'
3. Show how two triangles form a rhombus. Three form a trapezoid.
4. 'Now can you put ALL six together to make one big shape?' Guide toward the hexagon.
5. 'THIS IS a HEXAGON — it has six sides. And it is made of six triangles!'
6. Take apart and rebuild. Can the child find other shapes using fewer triangles?
7. Draw and label the hexagon in the geometry notebook.

Work Space:



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