



## TUMBLING TETRAHEDRA

A tetrahedron is a triangular pyramid. This page will let you build a chain of tetrahedra that flexes in a surprising way.

### INSTRUCTIONS

1. Cut out the shape along the **heavy** outer lines.
2. Fold back and forth along all inner lines.
3. Tape together the two edges labeled **1** along the entire edge to create a small pyramid.
4. Tape together **2, 3, 4, 5,** and **6** in a similar way.
5. Tape together the pairs of edges labeled **A, B, C, D,** and **E,** respectively, to close all the tetrahedra.
6. Tape **7** to **7** well to close the cycle.
7. Finally, also tape **8** to **8** to make sure the cycle stays closed.
8. Now you can rotate the ring of tetrahedra through itself!



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