

5 INTERLOCKING TETRAHEDRA



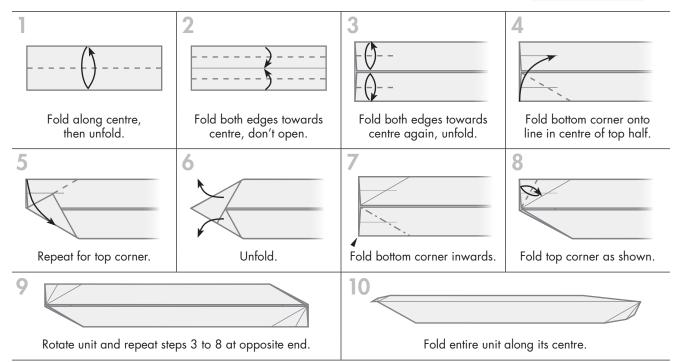
more on mathigon.org/origami/

This model consists of the interlocking frames of five tetrahedra. It is one of the most difficult models on Mathigon.org, but also the most impressive.

Every tetrahedron is made out of six strips of paper with dimensions in the ratio 1:3. These can be created by cutting a square into three parts. We recommend that you use different colours for every tetrahedron, which means you need two squares in each of five colours.

Once you have created all $5 \times 6 = 30$ strips, they each need to be folded as follows:





Each of these 30 units will form the edge of one tetrahedron. At every vertex, three units link together:

