How to make a Sonobe unit

You will need square pieces of paper to make these origami modules, which can then be assembled into lots of different shapes, including a cube, octahedron and icosahedron.

1) If you are using special origami paper, start with the coloured side down. Fold the paper in half horizontally, crease well and unfold. Then fold the top and bottom edges to the crease in the centre. Unfold.

2) Fold the top left corner diagonally down to the uppermost crease line. Repeat with the bottom right corner, folding it up to the lowermost crease line. Then fold the top and bottom edges to meet in the centre again, this time keeping them folded.

3) Make two diagonal folds inwards along the dotted lines, then unfold.
4) Fold along the left-hand diagonal crease again, but this time tuck the corner underneath the top crease.

5) Repeat with the right-hand diagonal crease, tucking the corner underneath the bottom crease.

6) **Turn the unit over.** Fold the sides inwards along the vertical lines.

7) Your Sonobe module is complete!

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You will need 6 Sonobe units to make a cube, 12 to make an octahedron, and 30 to make an icosahedron.