



Origami comes from the roots of two words meaning, “to fold” and “paper”. Traditional origami uses one piece of paper to make an object but there is a type of origami called Modular Origami, which uses more than one piece of paper. In modular origami, multiple pieces of paper are used to create unique and interesting geometric shapes, in addition to offering a chance to teach geometry. All you need are square pieces of paper of any color. Once you have your paper, you can follow the link below to create a cube, octahedron and icosahedron from the same basic repeating Sonobe unit. While creating the different folds, you can define the angles that you are creating and discuss the shapes. This hands-on activity will help kids memorize difficult geometry terms while allowing younger children to identify the 3-D shapes.

<https://mathcraft.wonderhowto.com/how-to/modular-origami-make-cube-octahedron-icosahedron-from-sonobe-units-0131460/>

If you want to continue your exposure to modular origami, you can take the family to the Dayton Art Institute to see the new exhibit “Above the Fold: New Expressions in Origami”. The exhibit shows some unbelievable accomplishments using folded paper. For more information about the exhibit, click on the link below and happy folding.

<http://www.daytonartinstitute.org/event/art/exhibitions/current-exhibitions/above-fold-new-expressions-origami>

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