

Four Paper Projects

Shiying Dong

Greenwich, Connecticut, USA; shiyingdong@gmail.com

A lot of paper is available in letter size, and it is convenient to have a design that fits that size, ready to print or cut in devices like Cricut or laser cutter. In this paper, I've attached drawings of four projects I'm very fond of. I recommend light cardstock (150 - 200 gsm) for best results. All drawings other than this cover page are vector, therefore can be directly used in vector drawing softwares.

The projects, ordered by difficulty level, are the following:

1. Making a band trefoil knot without gluing.
2. Gluing a stella octangula. This pattern is interesting because the net itself is topologically nontrivial.
3. Gluing an excavated dodecahedron.
4. Gluing the 14th stellation of icosahedron. Two copies (30 units total) of this sheet are needed.









