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ORIGAMI TESSELLATIONS

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This exhibit will contain an example of an origami tessellation based on each of the 11 Archimedian tilings. Seeing many such examples is a necessary step towards understanding the whole concept of origami tessellations. Further, the models will be displayed in such a way as to illustrate their three different layers of symmetry: the tiling of the crease pattern, the tiling of the finished model, and the tiling seen in the "light pattern" generated by the different layers of paper when light is shone through the model.

Each model will be pressed between 1ft by 1ft plexiglass sheets. Since there will be 11 such models as well as occompanying illustrative materials, quite a bit of table or hanging space will be required. To make this easier, the models will be displayed *loose*, so that the viewer may pick one up, hold it up to the light, and put it back on the table to examine another. In this way not all of the models will need their own space to be viewed.