

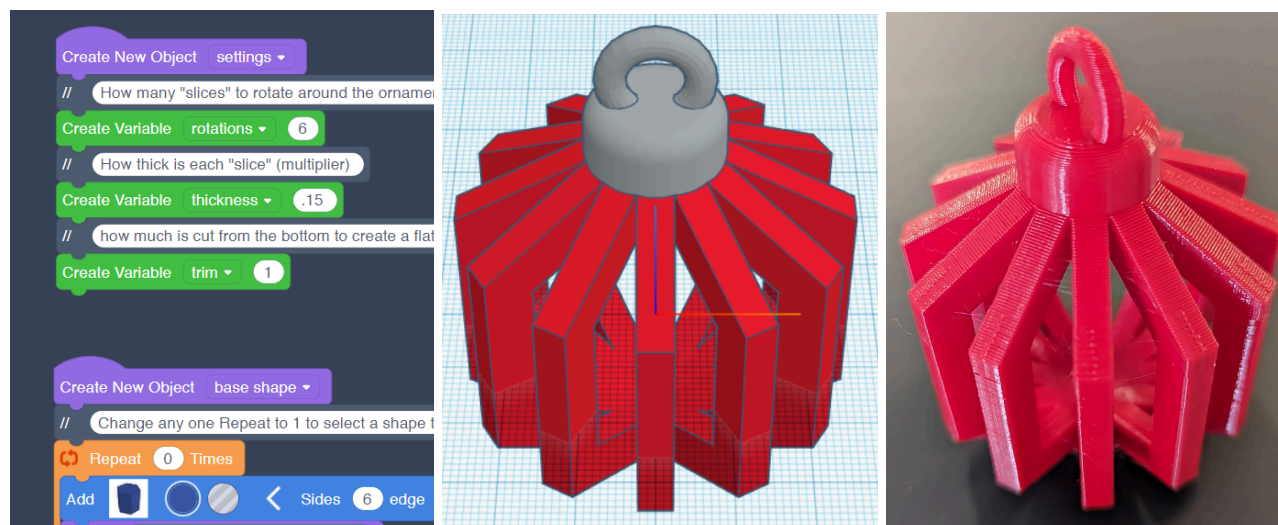
3D Printed Ornaments (Made with Code)

Shared by: K-12 Makerlab

Specialized tools and materials used:	Experience level required:
3D Printer Filament Tinkercad (codeblocks project) String or ornament hooks for hanging	beginner

Grade Level and Subject (of this example): any

Topic/Content Standards (for this example): maker skills/starter projects



Students use Tinkercad Codeblocks to create an ornament by rotating copies of a base shape around an axis. Code is provided as an editable generator:

<https://www.tinkercad.com/codeblocks/lKYiRrSTn3D>

Challenge students to add a new shape to the generator, or to create their own generator from scratch!