

3D Printed Stamps Setup

Description	Use 3D printed stamps to make a card.
Minimum Time Required	Setup: 10 minutes Activity: 2-10 minutes
Materials	<ul style="list-style-type: none"> <input type="checkbox"/> Stamps (3D printed from .stl file) <input type="checkbox"/> Ink pads (2-3 colors) <input type="checkbox"/> Blank card stock <input type="checkbox"/> Pens, pencils, markers
Setup	<ul style="list-style-type: none"> ● Place stamps out ● Paper ● Pens, pencils, markers in a clear cube container ● Ink Pads <p>(photo)</p>
Learning Goals	<ul style="list-style-type: none"> ● To be introduced to technology available in the NCSU Libraries Makerspace ● To interact with 3D printed material and learn about projects that can be made with 3D printers ● To create work using Makerspace-made items
Facilitation/ Prompts	<ol style="list-style-type: none"> 1. <u>Spark:</u> <ul style="list-style-type: none"> ○ Showcase example objects; ○ Ask participants to create their own designs. 2. <u>Sustain:</u> <ul style="list-style-type: none"> ○ Ask questions about what they are creating ○ Ask questions about what the participant is making and how they are approaching their design; <ul style="list-style-type: none"> ■ Suggest ways to increase complexity of design. ■ Be patient, let participants solve their own problems; ■ Do offer strategies for working around problems, especially if asked; ○ Use their design and approach to tie back to 3D printing processes. 3. <u>Deepen:</u> <ul style="list-style-type: none"> ○ Ask participants to create a three dimensional object.