

Maker Space Kit Idea Sheet

3D Pen

CONTENTS: 3D Pen, charger, silicone mat, spatula, assorted color filament.

DESCRIPTION:

3D pen replaces ink to create a 3D object such as a stereoscopic model, art, home decoration, earrings, gifts, and more! No extra supplies needed!



DRAWING IDEAS:

Butterflies, insects, human form, cubes, parallelograms, bridges, Christmas ornament bulbs, earring decorations, dinosaurs, and many more! Search 3D Pen drawing.



PROGRAM IDEAS:

Volunteer/Partner Presenters: Is there a community member or group who would volunteer to help a library staff member pull off a program?

Girl/Boy Scouts, Parent/Teacher Organizations, Local Artist, Art Teacher, Creative Library Staff Member, Teenager, Friends of the Library, Library Board Member, etc., parents/caretakers

Active Programming: Invite Girl Scouts to a 3D Pen Program as part of their Art Creator Badge instruction. Invite a Red Hatter's Club, Church Club, or teen club to a 3D Pen event. Open house program during a community festival.

Passive Programming: Set up a table close to the circulation desk where a staffer can observe from afar, leave out drawing suggestions, let patrons be creative!

SAFETY WARNING: Supervision required as pen tip is HOT and can cause burns.



Visit the Wisconsin Valley Library Service YouTube channel to see the 3D Pen Makerspace Video!

STEAM and Maker space programming accurately shows how libraries are providing programs outside of traditional stereotypical library programs. Additionally, libraries are collaborating with community experts in STEAM learning opportunities. The Aspen Institute, ["Rising to the Challenge: Re-Envisioning Public Libraries."](#)