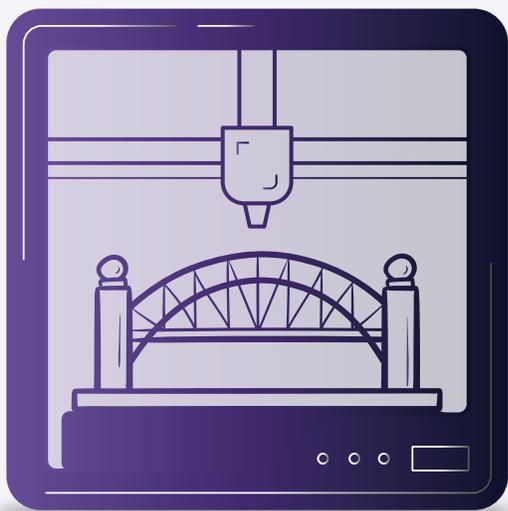


# CAD CONTEST



## HOW?

Visit your favorite Fort Worth Public Library today to use 3D design software to design a bridge and use our 3D printer to print it. Submit a completed form, digital file and printed bridge to library staff. Bridges will be judged on the following: 1. Does it look like a bridge? 2. Does it work like a bridge? and 3. How strong is it?

## WHO?

Teens in grades 6-12

## WHERE?

Any Fort Worth Public Library location

## WHEN?

Submissions received no later than March 31.

## WHY?

Using 3D design software and operating a 3D printer are a bridge to using the technologies of tomorrow.



Grand Prize:  
**Mini 3D printer**

Runner-up Prize:  
**3D pen**



For more info, visit  
[fwpl.info/cadcontest](http://fwpl.info/cadcontest)



THE FORT WORTH  
PUBLIC LIBRARY  
FOUNDATION

\*Printing supplies and prizes were funded by the Fort Worth Public Library Foundation



Fort Worth  
Public Library

LEARN. DREAM. DO.



[FortWorthLibrary.org](http://FortWorthLibrary.org)

FOLLOW US ON



# CAD CONTEST

## RULES

Open to teens in  
**GRADES  
6-12**

**1 ENTRY**  
per person

All submissions must be  
**ORIGINAL  
CREATIONS**

- **IMPORTANT:** All bridge designs must be able to accommodate an S-hook (seen in picture), which will be used to test bridge strength.
- Must include the design file, the printed bridge and a completed form with contact information.
- Bridges must be printed using a Fort Worth Public Library 3D printer.
- Bridges **MUST BE** (not up to): 7 inches long, 2 inches tall, 2 inch deep.
- Bridges must be printed using ABS material supplied by the Library.
- Entries must be printed within a maximum of two hours.
- Bridges will not be returned. Entries will be tested to determine which bridge can support the heaviest load before it breaks.
- Bridges will be judged on how well a toy car can drive up and over them.
- Bridges will be judged on how bridge-like submissions are (does it actually look like a bridge, architecturally)



***All submissions must be received before libraries close at 8 p.m. Tuesday, March 31.***



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[fwpl.info/cadcontest](http://fwpl.info/cadcontest).



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