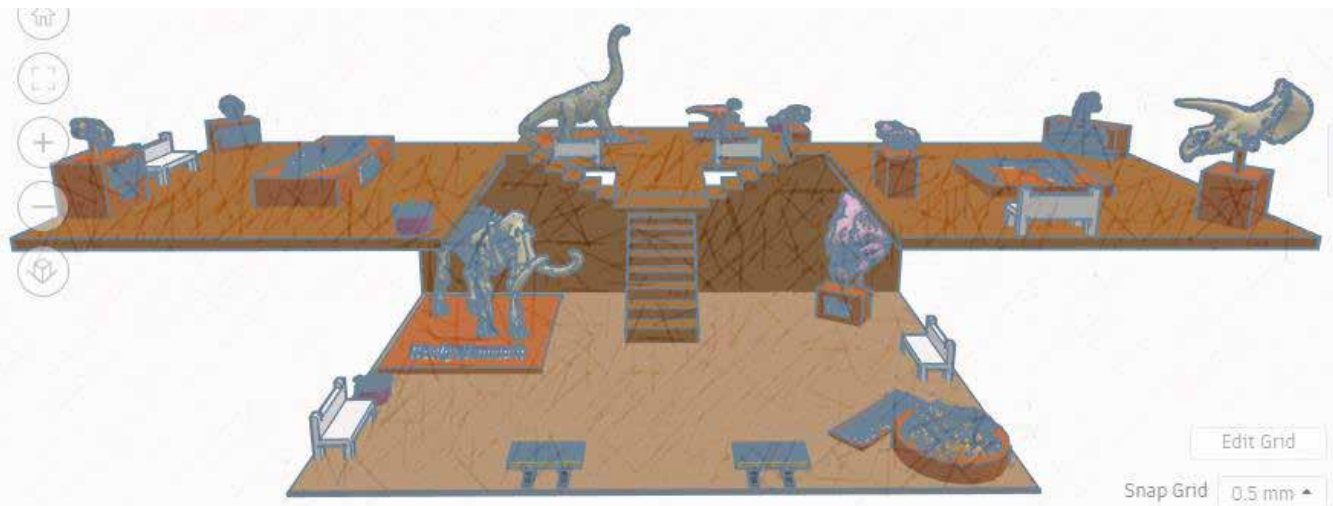


# Amaze Your Brain *at Home!*

**3D PRINTING**

BEST FOR  
Grades  
4-8

## Build Your Own **MINI MUSEUM**



### ABOUT

You can create a virtual museum using 3D models of dinosaurs and other prehistoric creatures in TinkerCAD. If you have access to a 3D printer, you can print these models out and use materials from around your house to make a mini museum for your family to explore!

No 3D printer? No problem! Many local libraries offer 3D printing services for a small fee. There are also online 3D printing services that will print out and send the models to you. If neither of those options is possible, make your own creatures

### 3D PRINTING THE MODELS

- Create a free account at [Thingiverse](#) or [Morphosource](#). Use the search bar to find the model you want (i.e., "triceratops").
- Download the model. Most models on these sites are free, although a few found on Morphosource are paid.
- Send the model to a library that offers 3D printing, or an online service such as [Shapeways](#), [Sculpteo](#), [MakeXYZ](#), and more.
- If you have your own 3D printer, import the model to the slicing program of your choice and tune the settings for your machine.
- Questions about 3D printing? Email [jc.bigornia@perotmuseum.org](mailto:jc.bigornia@perotmuseum.org).

**CONTINUED ON NEXT PAGE**



Tag us @perotmuseum on social media to show us how you *Amaze your Brain!*

**PerotMuseum.org**

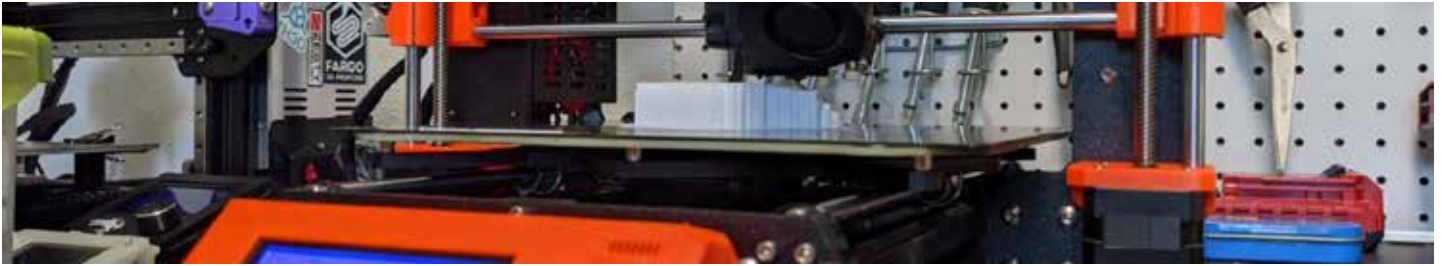
**Per**[**]**t  
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## Build Your Own **MINI MUSEUM** (CONT.)



### MAKE YOUR OWN MODEL

If 3D printing isn't an option, use materials on hand to create your own fossils and creatures. Some ideas are:

- Clay: Model Magic, Play-Doh; or a homemade [version](#)
- Paper, cardboard; Hot glue, Elmer's Glue
- Recycled materials (office supplies, scrap fabric, more)



### BUILD THE MUSEUM

- Use the materials around your house to make the building for your mini museum.
- Arrange and make labels for your specimens. Include a description of each creature.
- Take a picture of your museum and share it with us by tagging the image with #perotmuseum and #techtruck!



Tag us @perotmuseum on social media to show us how you *Amaze your Brain!*

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