

**MUSEUM of**

*SUCCULENTS*  
*PIZZA*  
*VOLCANOES*  
*AVOCADOS*

*MAGNETS*  
*ARMADILLOS*  
*SKYSCRAPERS*  
*MICROBES*

**MICRODIY**

*with support from*



# BEFORE YOU START

## *An Introduction*



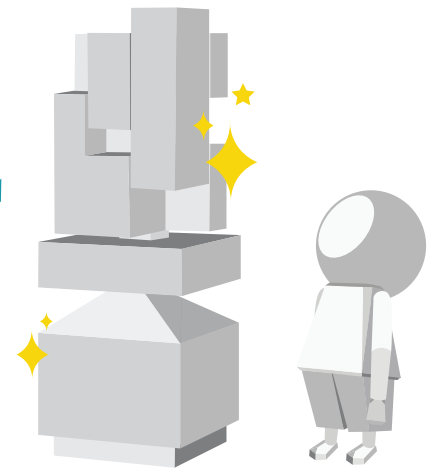
Welcome to MICRO DIY! We're thrilled you've decided to make your own museum. As we walk you through each step of the museum making process, you'll need to take on different roles!

**Here are some things to know before you begin...**

### WHAT WE DO

This is a MICRO Museum.

At MICRO, we're a small team working together to build six-foot-tall museums. We replicate the museums and install them where people spend their daily lives, like libraries and hospitals.



### LIGHTS, CAMERA, ACTION!

Documenting your progress is instrumental to any creative process. We encourage you to take photos, videos, and notes along the way. This will help later with making decisions and learning from mistakes.

Plus you will have some great photos to share with your visitors and the MICRO DIY community!

### NEED MORE HELP?

*Feeling lost? Need inspiration?*

Head over to [www.MICRO.ooo/diy](http://www.MICRO.ooo/diy) for more help.



# NEED INSPIRATION?

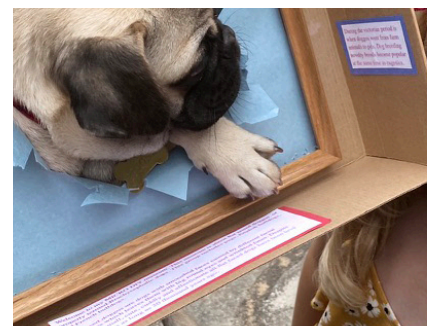
## Existing Museums

## MICRODIY

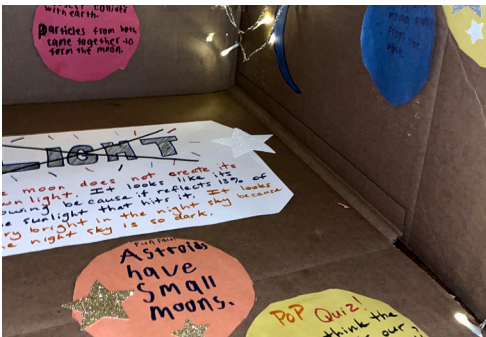
New and exciting museums are popping up all the time! Here are some amazing museums made by builders from all around the world!

Let us introduce you to...

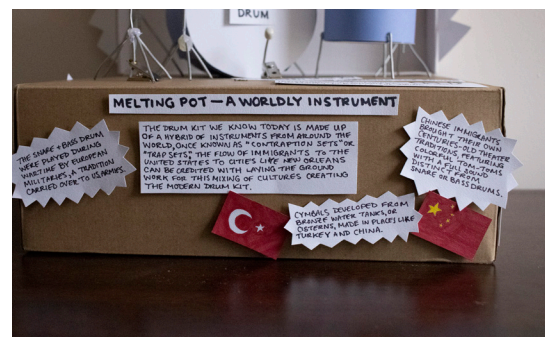
### THE MUSEUM OF FLAT-NOSED DOGS!



### THE MOONSEUM!

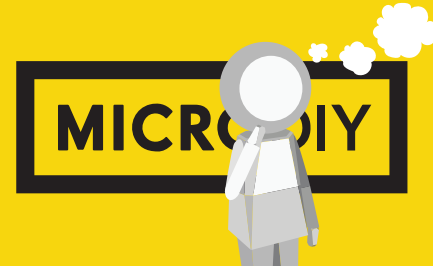


### THE MUSEUM OF DRUMS!



# SELECT A TOPIC

*The Visionary*



Is there something very important to you that you want people to care about? Or have you always wanted to learn more about something? Maybe there's a problem you want to solve, but don't know where to begin? *How can you turn these ideas into a museum?*

**Brainstorm your ideas below, list at least five ideas, then choose your museum topic!**

I COULD MAKE A MUSEUM ABOUT...

I WILL BE MAKING THE MUSEUM OF...



# LEARN ABOUT THE TOPIC

## The Researcher



There are infinite ways to learn more about your topic! A great place to begin is with a book or educational website, or by talking to an expert. Make sure to keep track of your **sources**, the places where you are collecting the information from.

### How to know if your sources are trustworthy...

#### PAY ATTENTION TO WARNING SIGNS

##### *Honest phrases*

"I don't know"

"I might be wrong"

"this new evidence  
changed our minds"

##### *Unrealistic claims*

"we are right, they  
are wrong"

"always"

"never"

##### *When was it published?*

"The earth is flat!"

- Someone in Europe (800 BC)

"The earth is a round shape  
that changes constantly!"

- NASA (2017)



#### STICK TO THE FACTS

##### *Belief*

Soccer is better  
than any other  
sport in the world!

##### *Fact*

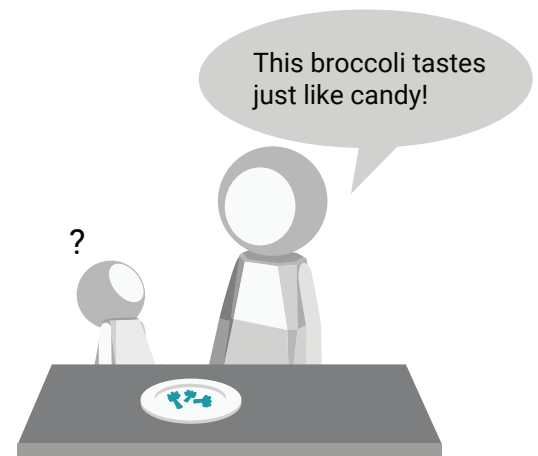
A wide-scale survey completed by FIFA, Soccer's World  
Governing Body, indicates that over 240 million people, in  
over 200 countries regularly play soccer - more than any  
other sport in the world!



#### IDENTIFY THE PURPOSE

##### *Why was the information written?*

Does the writer or speaker have something to gain by  
convincing you of something?



# LEARN ABOUT THE TOPIC

*The Researcher*



No matter how much you may already know about your topic, there will always be new information you have not yet encountered.

**Use this page and the next one to collect the information you find.**

## HELPFUL HINTS

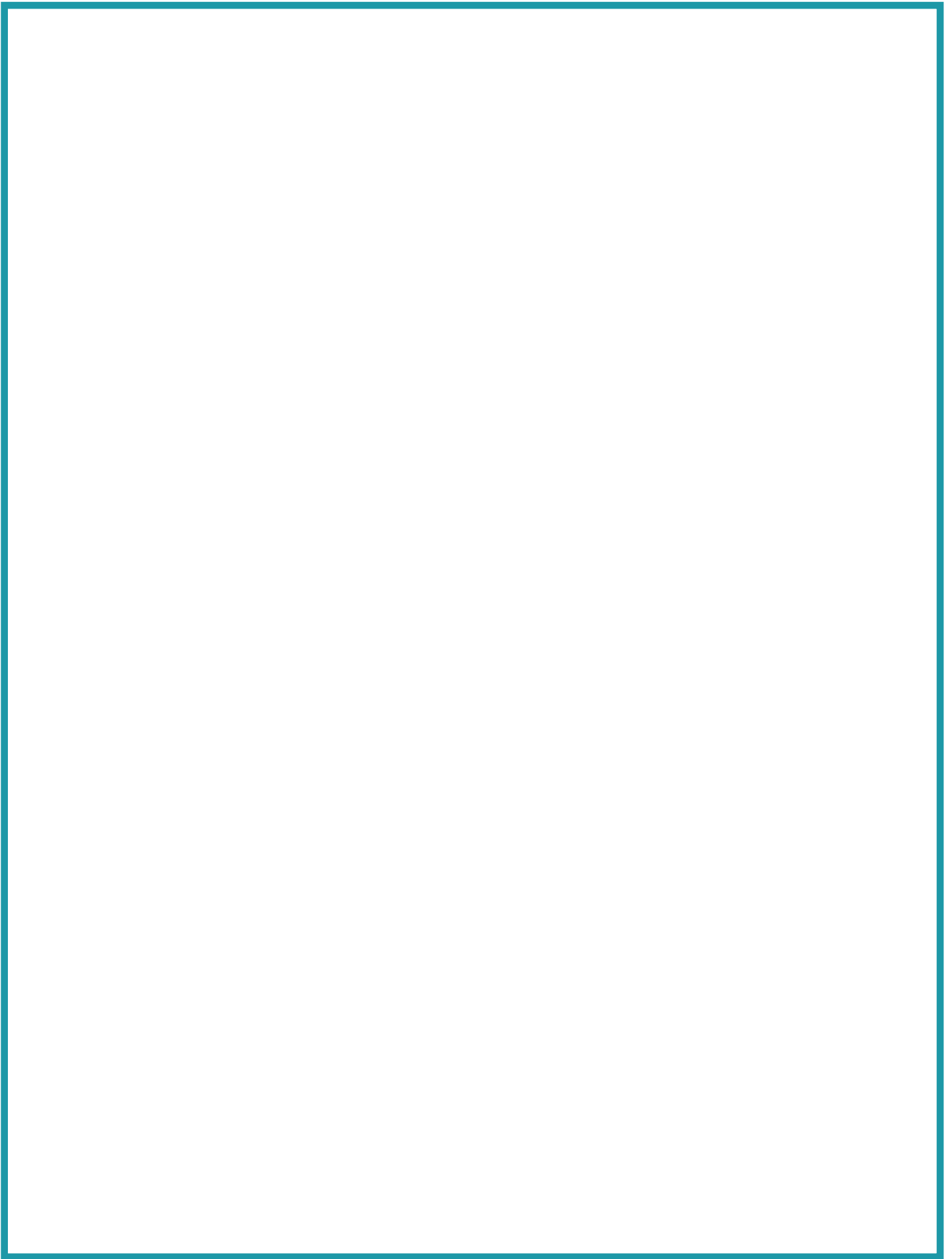
**Power facts** are bits of information that make people want to learn more about your topic!

*Circle any power facts you find.*

**Fact checking** is one method to test that something is true. If you find multiple trustworthy sources have the same information, it is more likely that the information is true!

*Put a check next to a fact each time you find a source that supports it.*





# CONSTRUCT YOUR STORY

## The Storyteller



One of the most important steps of making a museum is storytelling. You will now use the research you collected to create a story that keeps your audience interested.

Here's an example of how we did it...

### THE MUSEUM OF OCTOPUSES

Main Idea	Explanation
<i>Introduction</i> Octopuses are amazing!	<i>Why should people care? / How does it relate to their daily lives?</i> Humans often think of octopuses as aliens, as different from us as we can imagine, but believe it or not, we're more like octopuses than you might think. In fact, we are related.
<i>Power Facts</i> 1. Octopuses have brains in their arms! 2. Octopus skin has a higher resolution than a phone screen!	<i>What parts of your research make your story exciting?</i> While human brains are in our skulls, an octopus' brain is all over its body! Some of it is behind their eyes, but most is spread across each of their eight arms. That means each arm can think for itself! The same way your electronic screens are covered in tiny color changing pixels, octopus skin is covered in tiny <b>chromatophores</b> : little colored sacs of pigment (sort of like water balloons!). An octopus can control each balloon to change their skin color to blend in with their surroundings.
<i>Conclusion</i> You can help octopuses!	<i>What is the message or future of this story?</i> Human actions are putting octopuses at risk. Today, animals are dying up to 1,000 times the normal rate and <b>mollusks</b> are dying faster than any other group. <i>Take 10 minutes to learn about octopuses and find ways that you can help make the world a better place.</i>

### HOLD THE APPLAUSE

Now that you know so much about your topic, make sure you explain new information to your visitors so they can easily understand what you are saying!

**mollusks:**  
a group of many species of animals that includes octopuses



# CONSTRUCT YOUR STORY

*The Storyteller*



Good storytelling is achieved through thoughtful writing. Take time to write a story that is exciting and educational by putting yourself in the shoes of your museum visitors.

**Use this page and the next one to write the outline of your story.**

**INTRODUCTION - TELL US WHY YOUR TOPIC IS IMPORTANT**

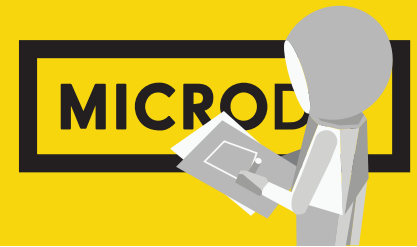
**POWER FACTS - BLOW US AWAY WITH 2-3 INCREDIBLE POWER FACTS**

**CONTINUE ENGAGING YOUR VISITORS WITH AMAZING POWER FACTS!**

**CONCLUSION - WHAT DO YOU WANT US TO KNOW WHEN WE LEAVE?**

# IMAGINE THE DETAILS

*The Designer*



Great design is one of the most important ways to explain different ideas and help people understand your message.

**Here are some tips that the MICRO design team uses to help them tell a visual story...**

## EXCITE YOUR AUDIENCE

*What is the most interesting way to explain my message?*

One way to do this is to think about how to engage different **senses** with your museum. Does your museum glow? Should it make sound? What does it smell like?



## DRAWING ATTENTION

*How can I make the important stuff stand out?*

You can use size, or **scale**, as a way to focus a visitor's attention.

Another way to do this is by using different colors to create **contrast** making important elements pop and drawing visitors in!



## KEEP IT SIMPLE

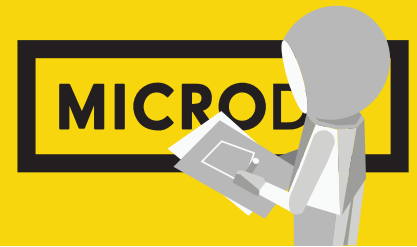
*What is the simplest way to show my story?*

Sometimes the best way to share a message is through **simple** visuals.



# IMAGINE THE DETAILS

*The Designer*



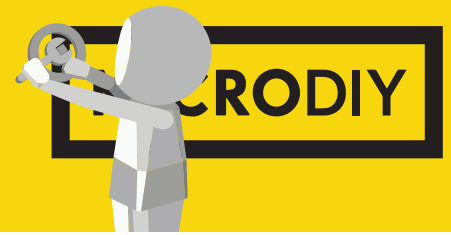
How can you use visuals to successfully share your ideas, information, and story? *Try out a few ideas before you decide the best way to represent your story.*

**Sketch your ideas below.**

**HINT: ASK OTHERS FOR FEEDBACK TO TEST YOUR IDEAS OUT!**

# BRING YOUR IDEAS TO LIFE

*The Engineer*



There is no wrong way to build a DIY museum. Try something new. Make mistakes. Think outside the box. Get your hands dirty. Have fun!

## Tips for constructing your museum...

### USE WHAT YOU HAVE

Look around your home for supplies. You can use anything you already have lying around to make your museum exciting! A good place to start is with a **strong base** that can hold all your design elements.

This could be:

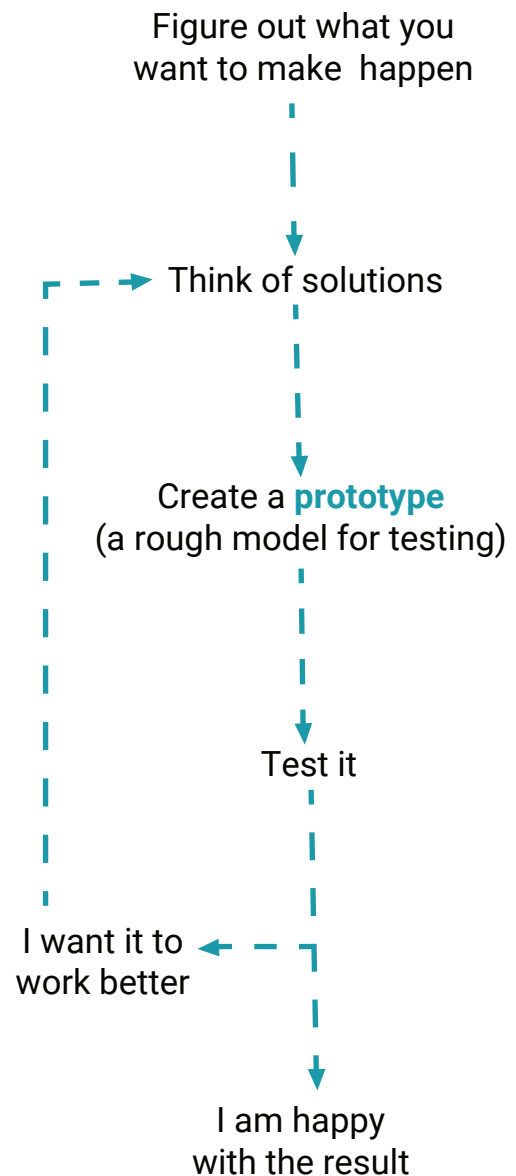
- a cardboard box
- an old shoe
- under the bed
- in Minecraft
- or anything else!



### LEVEL UP

*Every time you try something again you are not starting from scratch, you are building your knowledge!*

Give yourself a point every time you try again and see how much knowledge you have collected at the end!



# SHARE YOUR MUSEUM

*The Photographer*



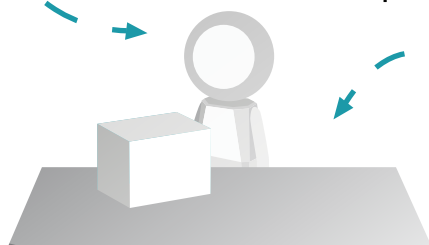
You did it! Thank you for participating in the MICRO DIY Museum challenge. Now it's time to share your museum with the world!

**Ways to share your work...**

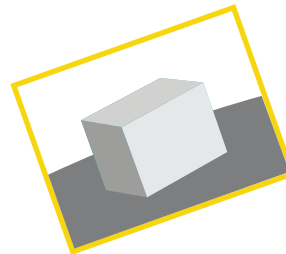
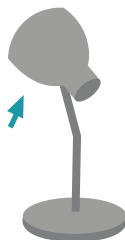
## RECORD YOUR ACHIEVEMENT

Introduce yourself!

Keep the background squeaky **clean**

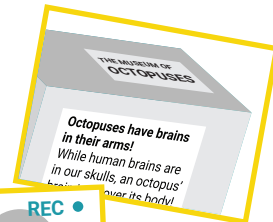


Find bright, natural light  
OR use lights to **illuminate** your work



Take a **glamour shot!**

Capture some **close-ups!**



Make a **video tour!**

## JOIN THE MICRO COMMUNITY

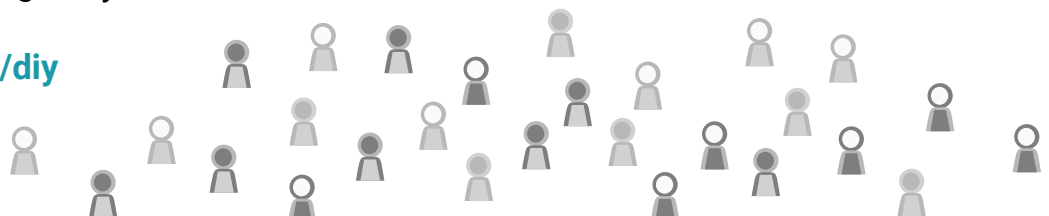
*Add to the MICRO collection*

We love to see your work! Share your museum with us and it will be featured in the MICRO DIY online gallery.

Go to [www.MICRO.ooo/diy](http://www.MICRO.ooo/diy)

*Post on social media*

Tag [@themicromuseums](https://twitter.com/themicromuseums)  
Use the hashtag **#MICRODIY**



**CONGRATULATIONS!**  
You are a museum maker.

***WHAT WILL YOU DO NEXT?***



**MICRODIY**