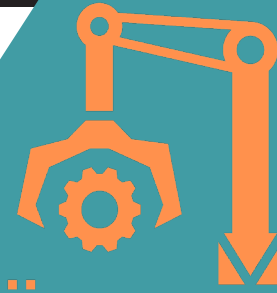
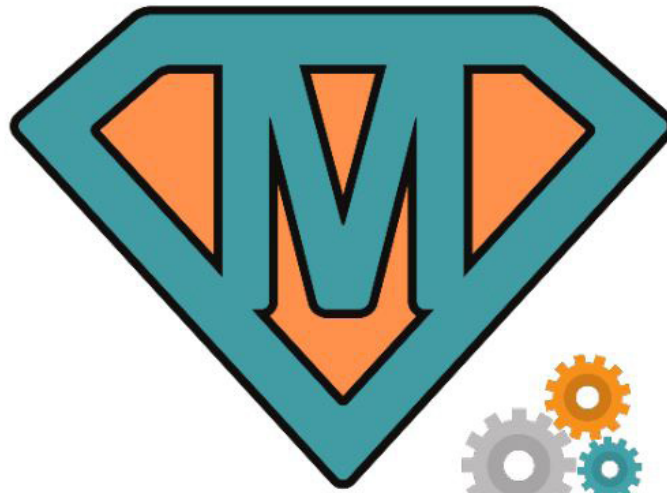


What's So Cool About Manufacturing



# Exploring the Marvels of Manufacturing



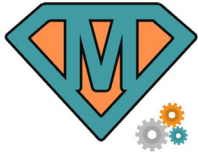
A Manufacturing Career Exploration Program



**CLAUDE  
WORTHINGTON  
BENEDUM  
FOUNDATION**



# Exploring the Marvels of Manufacturing



## How the Program Works



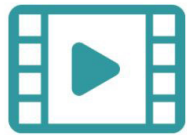
### PLAY

Some fun mobile games



### WRITE

A really short article



### WATCH

Some really cool videos



### ANSWER

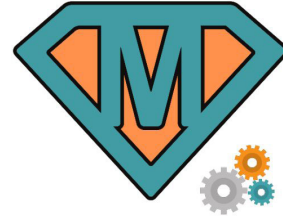
Just a few questions



### SUBMIT



Turn in your submission to your teacher or email directly to the Catalyst Workforce team [catalystworkforce@gmail.com](mailto:catalystworkforce@gmail.com) for a chance to be featured on a [explorenewmfg.org](http://explorenewmfg.org) blog!



# Step 1 Play Mobile Games

## INSTRUCTIONS

1

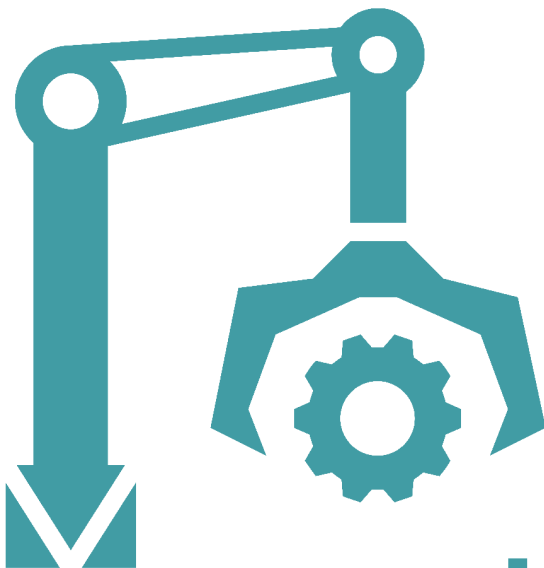
Grab your mobile device or your parent/guardian's with their consent. Both cell phones and tablets work!

Visit this website to learn about the mobile gaming!  
<https://makingyourfuture.org/prepare-yourself/play-games/>

2

Head to the App Store and download our FREE manufacturing mobile game  
**Cube Cut: Making Your Future**

*(available in Apple, Google and Amazon App stores)*



3

**BONUS:** if you loved Cube Cut we have a second manufacturing mobile game focused on mechanical aptitude! **MechLife: Manufacturing Career quest.** Download it and play!

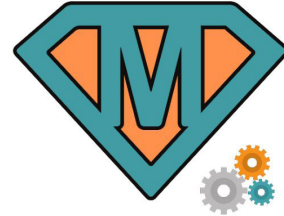
## Play and Create

your own Cube Cut level and share the QR code with us and your friends!  
*Submit via email to*  
[catalystworkforce@gmail.com](mailto:catalystworkforce@gmail.com)

# Step 2 Short Article

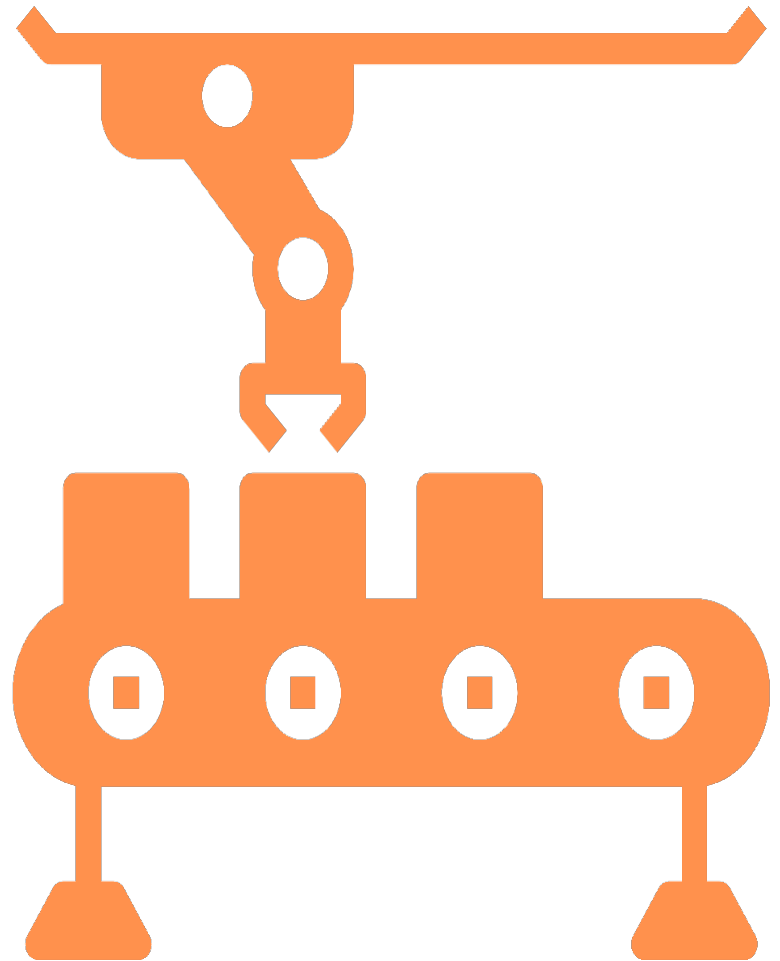
## How Has Manufacturing Touched Your Life?

Exploring the Marvels of  
**Manufacturing**



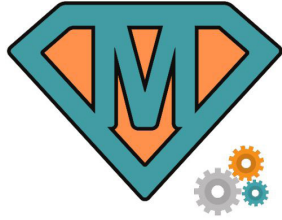
**Tell us your story. Write a short article describing how manufacturing has touched your life.**

*Examples: Do you have a parent or relative who works at a local manufacturing company? Do you have a favorite product that you can't live without? Have you visited one of the manufacturing companies in your town? Is your community stronger because of a local manufacturing company? Get creative, the possibilities are endless!*



**Article should be no more than 400 words!**

Please type or print clearly on a separate page.



## Step 3 Lesson Plan Worksheet

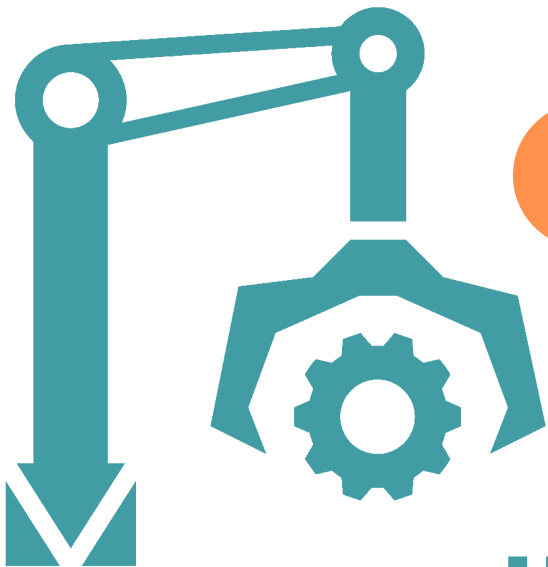
### INSTRUCTIONS

Next Page →

- 1** Visit the **What's So Cool About Manufacturing Video Library**  
**[www.whatssocool.org/video-library/](http://www.whatssocool.org/video-library/)**

- 2** Watch at least 3 videos (2 minutes each) to help answer a few questions on the following page. All of these videos were created by 7th/8th grade students featuring manufacturing companies in their own backyard.

The new searchable video library allows you to search all of the WSCAM videos across PA by things such as year, contest region, cool technologies, careers, and much more!



- 3 Answer**  
the worksheet questions! →

# Exploring the Marvels of Manufacturing

See instructions on previous page. After watching 3 videos from the Whats So Cool About Manufacturing Video Library ([www.WhatsSoCool.org/video-library/](http://www.WhatsSoCool.org/video-library/)) answer the following questions.



**1**

**Name** 3 different local manufacturing companies, the product they make, and at least one job title highlighted in each video. (13.1.C,D, F,G\*)

	Company	Product	Job Title
1			
2			
3			

**2**

**Think about** a product being made by one of the manufacturing companies. How could that product be used if someone was to open or start their own business? For example, someone can sell Nestlé Waters at their restaurant. (13.4. C\*)



Product: \_\_\_\_\_

Business idea: \_\_\_\_\_

**3**

**Think about** a skill you need in a school subject or after school activity,--- and explain how someone could use similar skills in a manufacturing job. (13.1 A,B,E,F,GH 13.2E, 13.3A,B,C,E,G\*)



Subject/Activity	Career Preparation
Example 1: Math Example 2: Basketball	Use to calculate how much product needed Work together as a team

\*Indicates Career Standard