



# 3D printing & Why Teach It In Your Classroom



**Jesus Huerta**



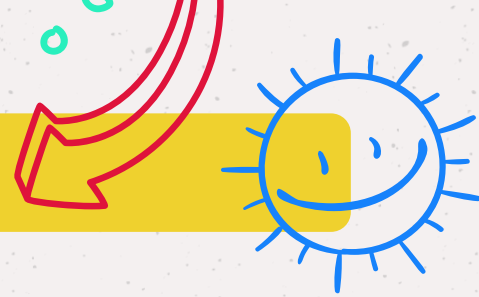
**Kennedy Gardens, 6th grade  
Calexico Unified School District**

**Twitter: @jesush1979**

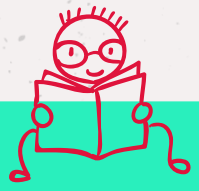
**Blog: [mrhuertasclass.weebly.com](http://mrhuertasclass.weebly.com)**



## Why teach 3D printing?



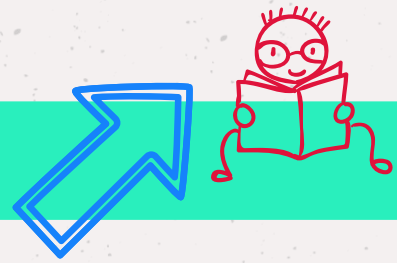
- Instant Engagement
- Expand lessons
- Teach soft skills organically
- Lead students towards entrepreneurship
- Small machine with a huge scope!



# Instant Engagement

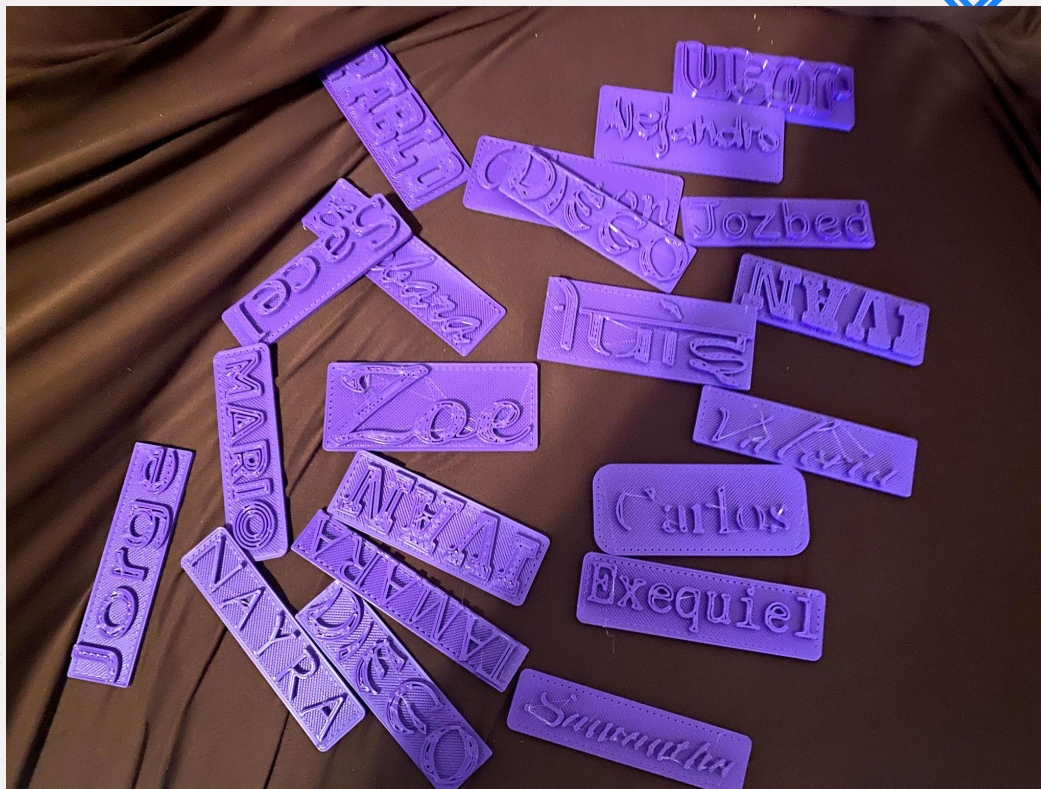


# Instant Engagement

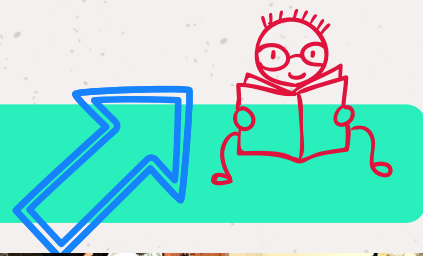




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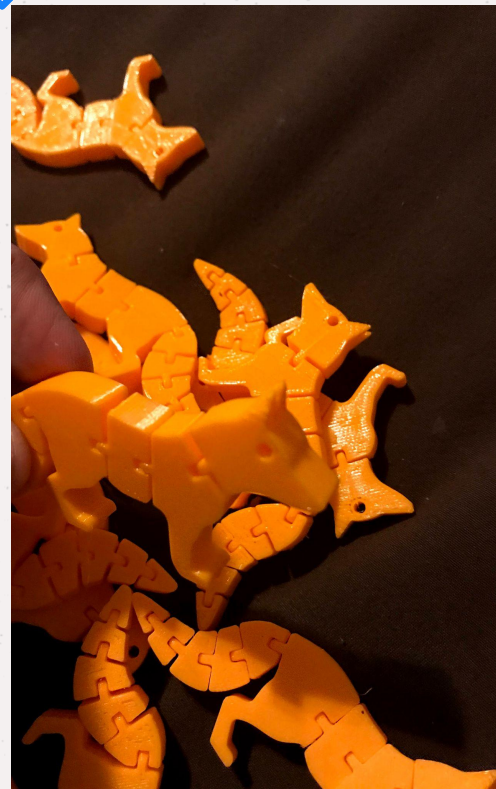
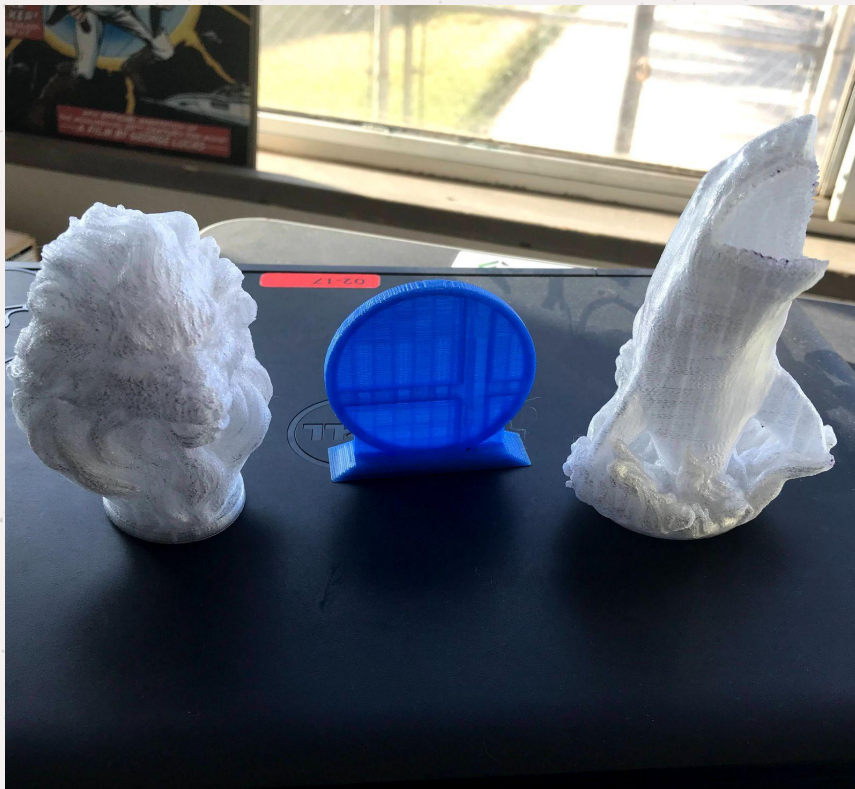
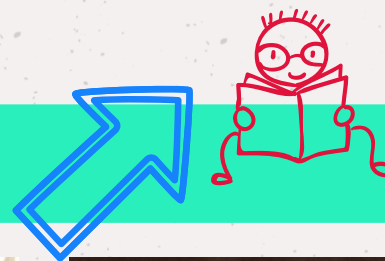


# Expand Lessons





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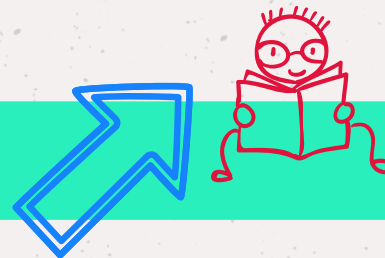


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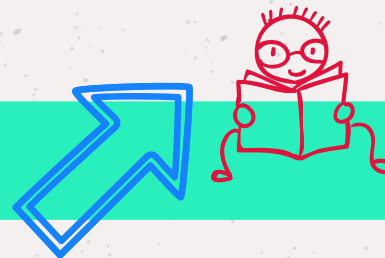




# Teach Soft Skills Organically

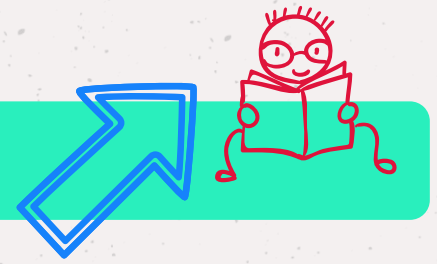


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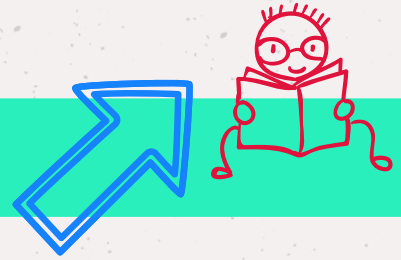




# Teach Soft Skills Organically



# Entrepreneurship for students!



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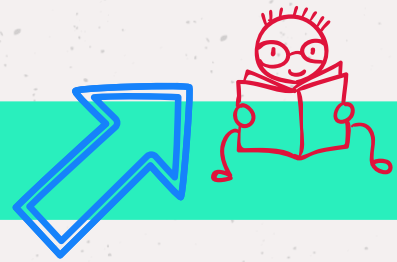


# Entrepreneurship for students!

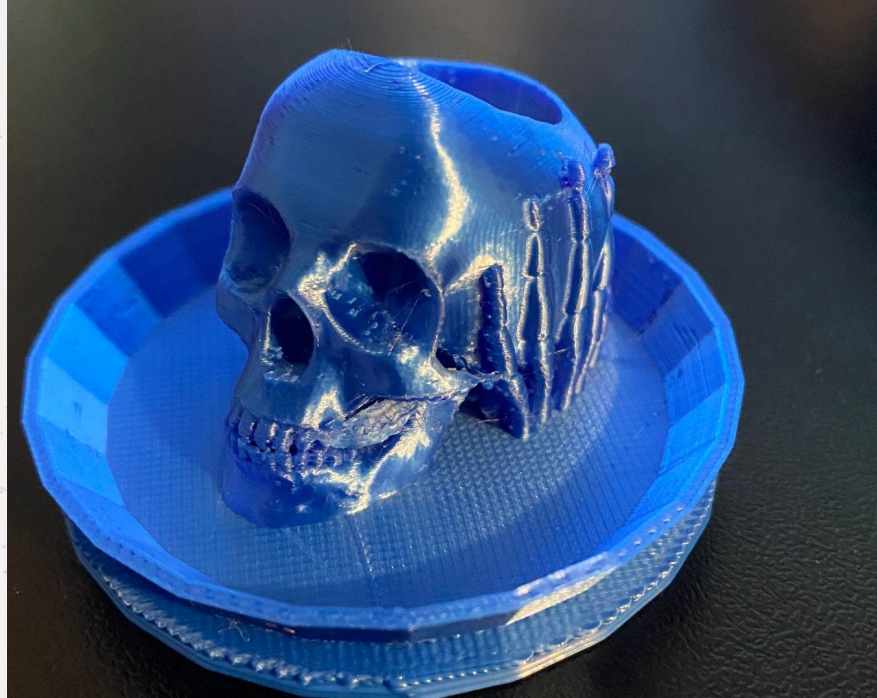




# Small Machine, Big Scope

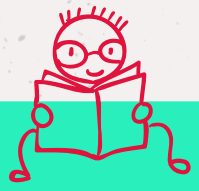


# Small Machine, Big Scope





# Small Machine, Big Scope



# How will you feel as a teacher?



# How will you feel as a teacher?





**Let's look at two cool lessons to get you started!**



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First we will look at creating custom coins!

--





First let's find a cool silhouette!

--







**SVG**creator



Now let's convert it!

--





Now let's jump into  
Tinkercad!

--





Follow along with me  
but don't worry, I've  
included a link to a  
video tutorial!

--





Now let's look at  
custom planters!

--





This is a great way to  
introduce remixing to  
students

--





Remixing is taking an  
already existing  
design, changing it  
and even going as far  
as giving it a function!







Follow along with me and  
if you need help again in  
the future, there's a link  
here to a tutorial!

--



Awesome job!

But how do we

print? Where do we

start?



Let's look at an awesome, easy to use  
printer!



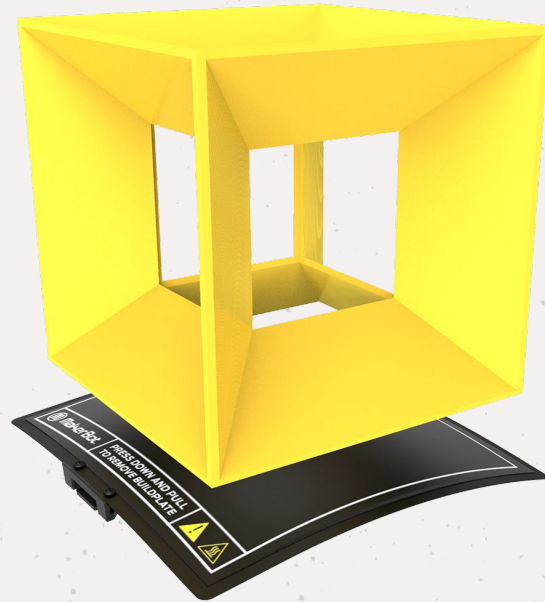
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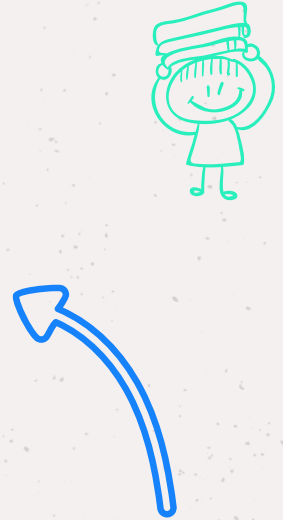
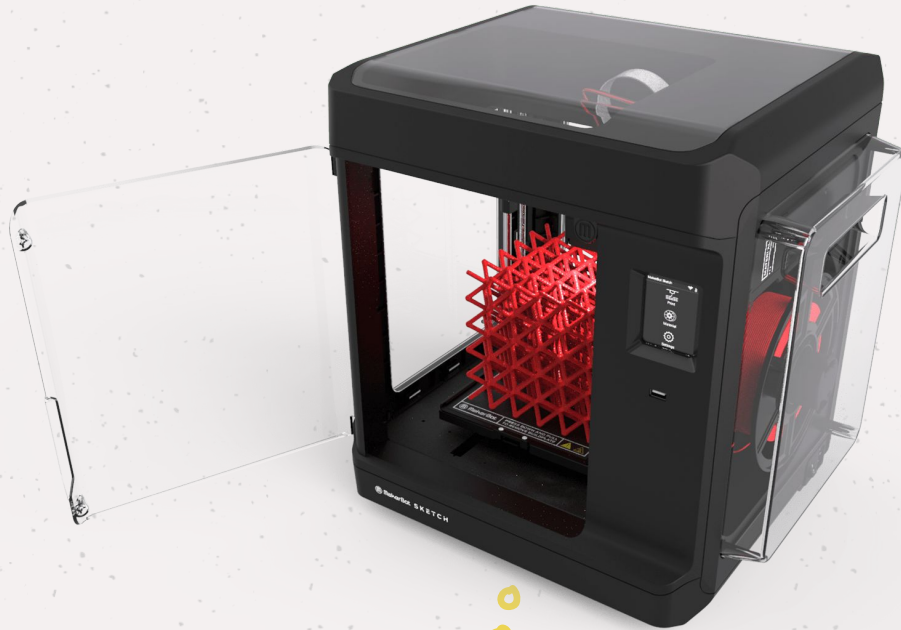


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