

# HELLO!

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West Orange High School

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"I am excited to share my experience during this time of distance learning."

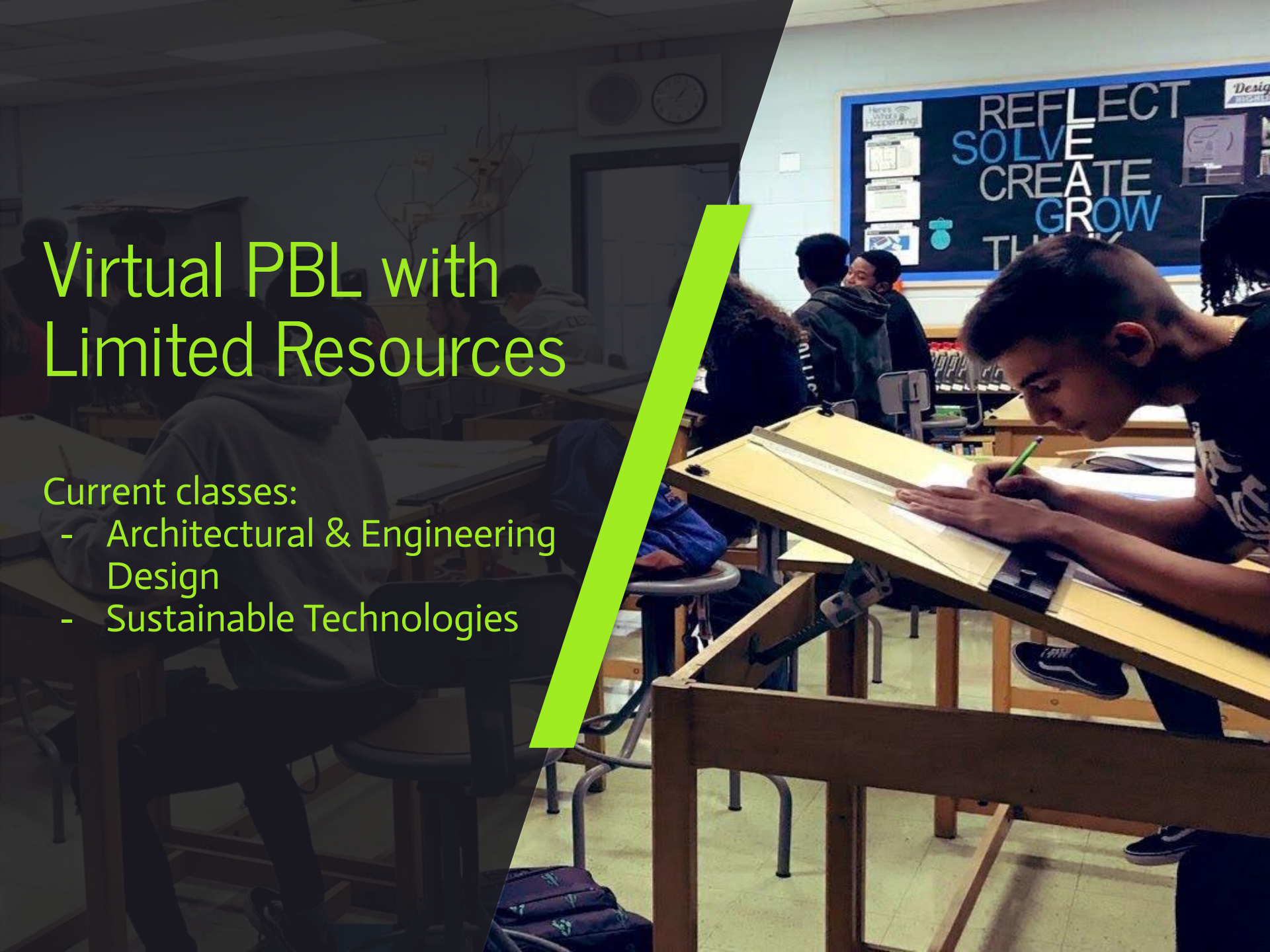




# Virtual PBL with Limited Resources

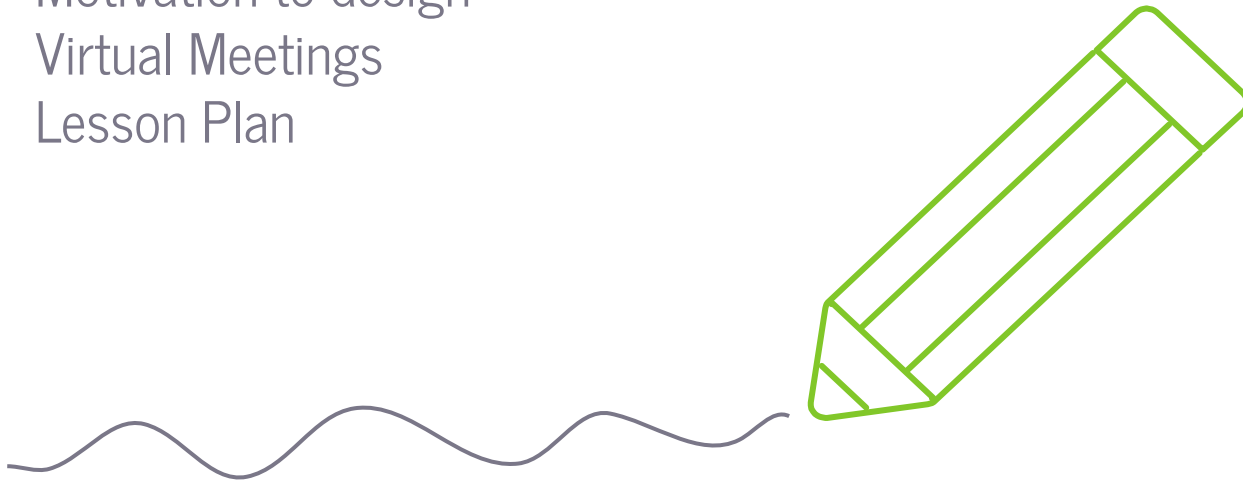
Current classes:


- Architectural & Engineering Design
- Sustainable Technologies



# Switching to virtual platform...

- Drafting Supplies
- CAD Software for Chromebooks
- Modeling Supplies
- Motivation to design
- Virtual Meetings
- Lesson Plan





NAME ONE OF THE FIRST  
THINGS YOU THOUGHT OF  
WHEN MAKING THE SWITCH TO  
VIRTUAL LEARNING.

Respond at [PollEv.com/cceli820](https://PollEv.com/cceli820)

OR

Text **CCELI820** to **37607** to join the session  
once, THEN text a response.

PollEverywhere Response Snapshot

# Student Surveys

- Supplies
- Well-being Check-in's
- End of Year Check-in



# GOOGLE FORMS

## DESIGN & SUPPLIES SURVEY

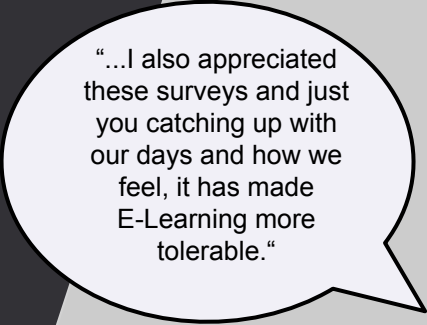
Conducted an original survey to receive feedback from students are what supplies they had available.

## VIRTUAL LEARNING SURVEY

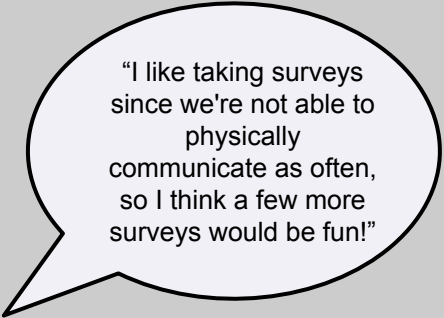
Follow up surveys were more detailed once students settled in to virtual learning.

## END OF YEAR SURVEY

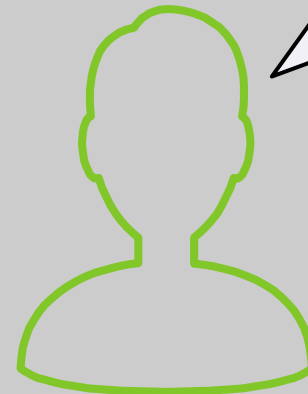
Collecting data of how students were feeling as the year is coming to an end. Also, to collect any final feedback on teacher improvement.



"...I also appreciated these surveys and just you catching up with our days and how we feel, it has made E-Learning more tolerable."



"I like taking surveys since we're not able to physically communicate as often, so I think a few more surveys would be fun!"

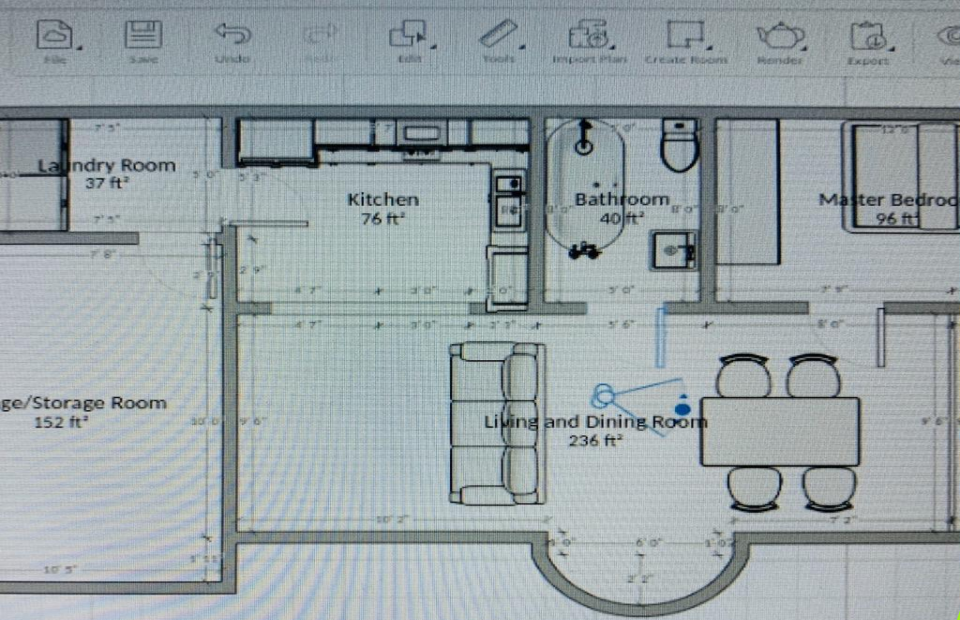






# GOOGLE APPS & CLOUD BASED SOFTWARE

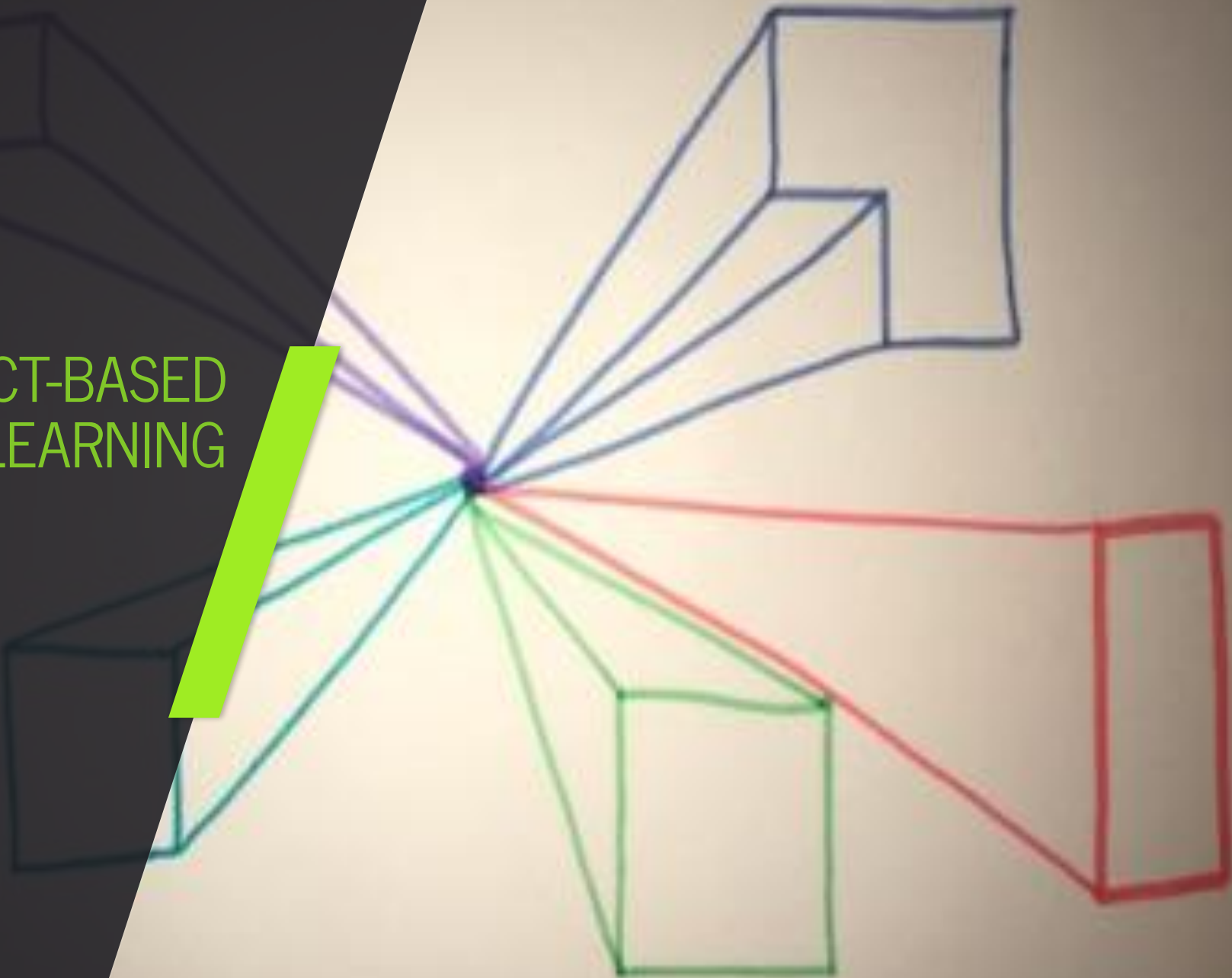




- GOOGLE DRAWING
  - Used for level 1 drafting students
  - User friendly
  - Minor learning curve
- Homestyler
  - CAD Cloud Bases program widely used by professional in the interior design industry
  - Accessible on Chromebooks
- TinkerCAD
  - User Friendly
  - Familiar to students
  - Was not prepared for high traffic
- OTHER GOOGLE APPS
  - Documentation & project logs
  - Familiar to students
  - Supported on district chromebooks

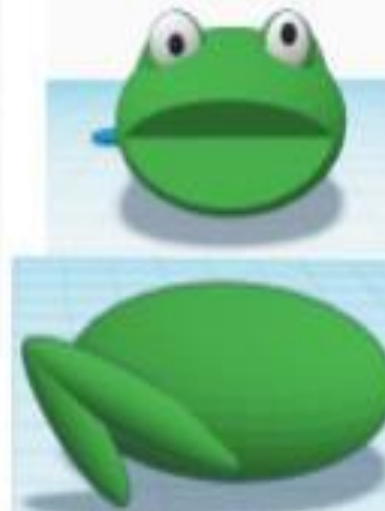


# PROJECT-BASED LEARNING

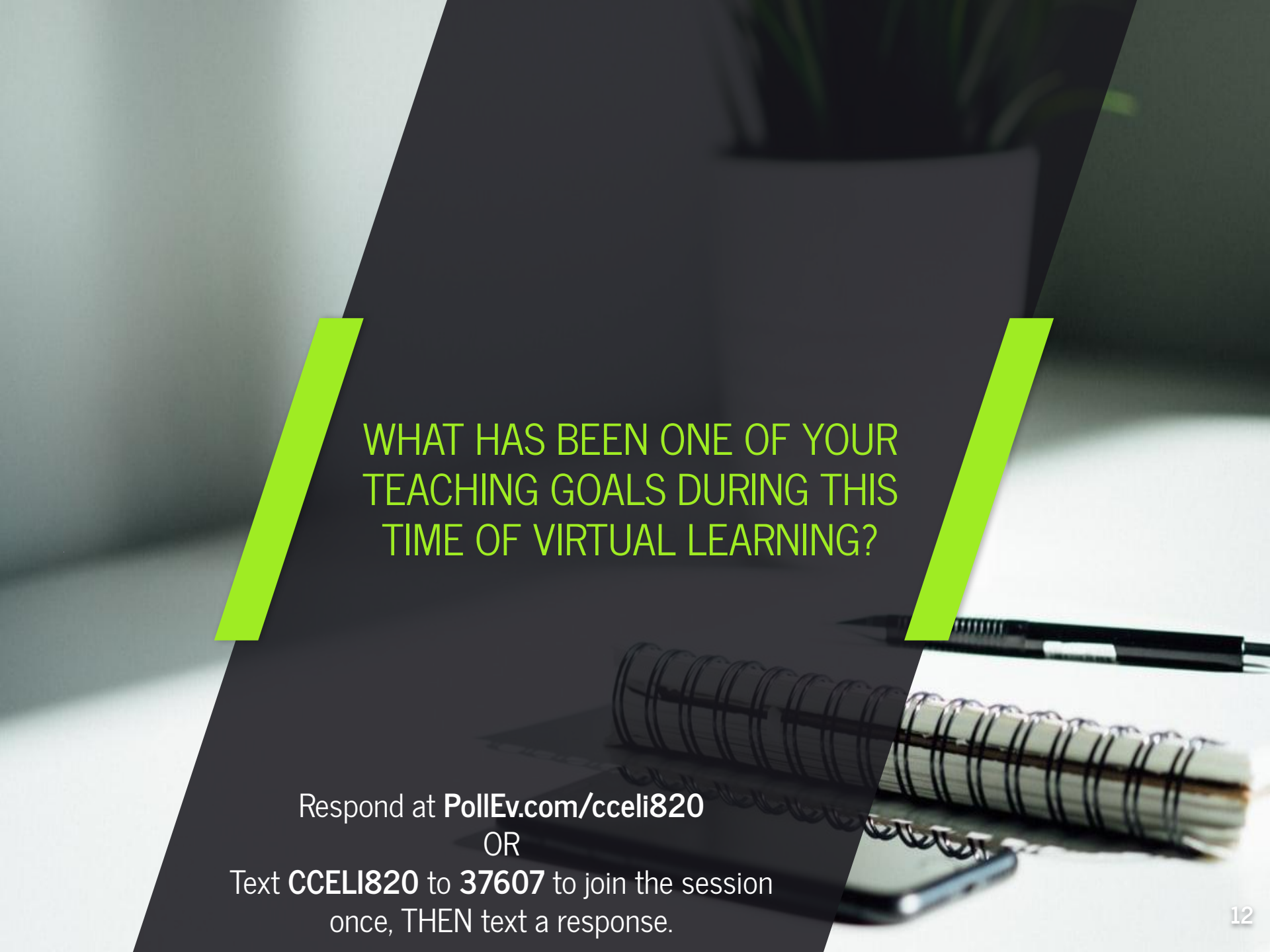


# PBL OBJECTIVES

- STUDENT CHOICE
- ENGAGING
- ADAPTABLE
- SMALL STEPS
- TAKE AWAY'S
- FUN!!!







WHAT HAS BEEN ONE OF YOUR  
TEACHING GOALS DURING THIS  
TIME OF VIRTUAL LEARNING?

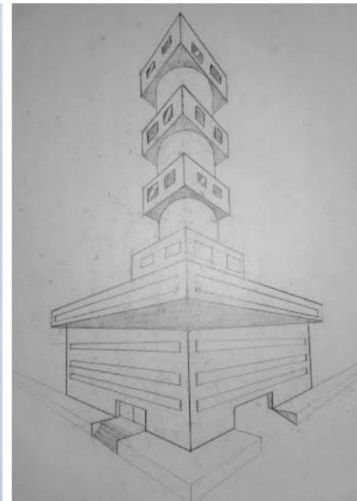
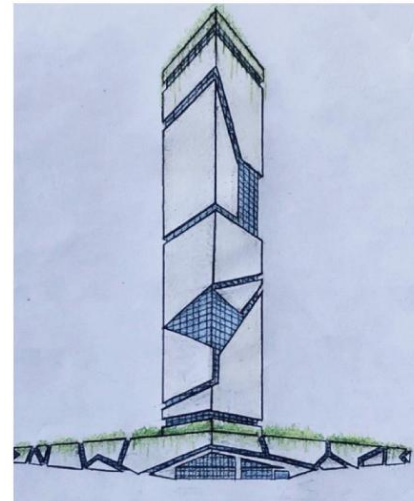
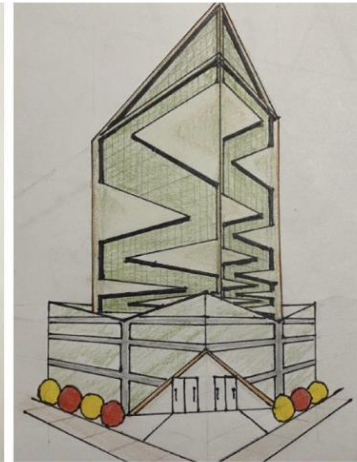
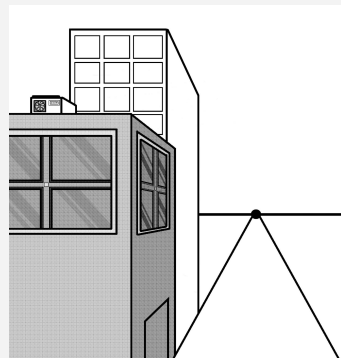
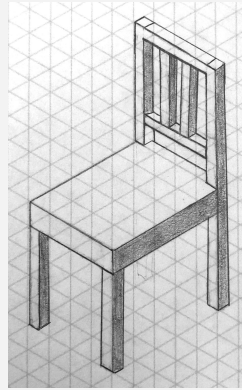
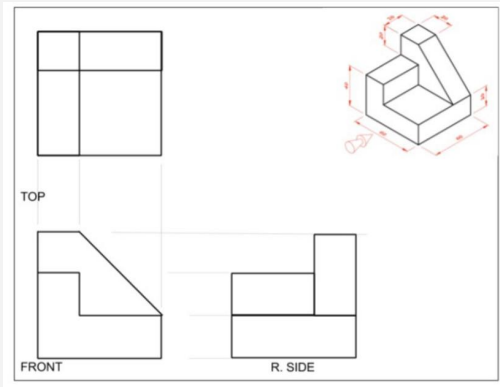
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PollEverywhere Response Snapshot

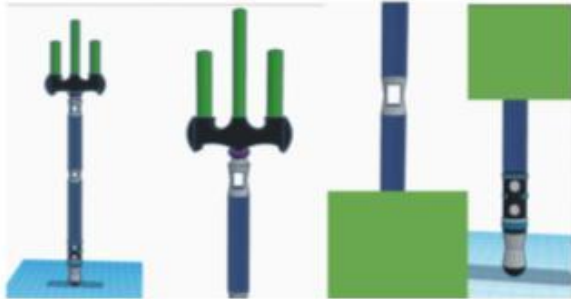
# DRAFTING & DESIGN



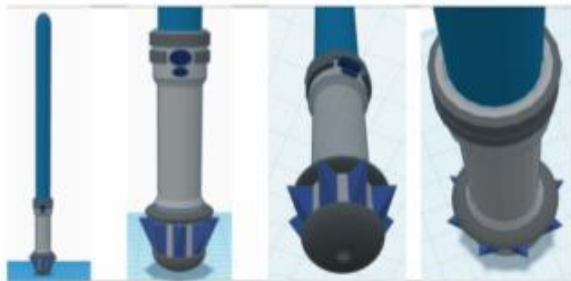


# LIGHTSABER HILT DESIGN

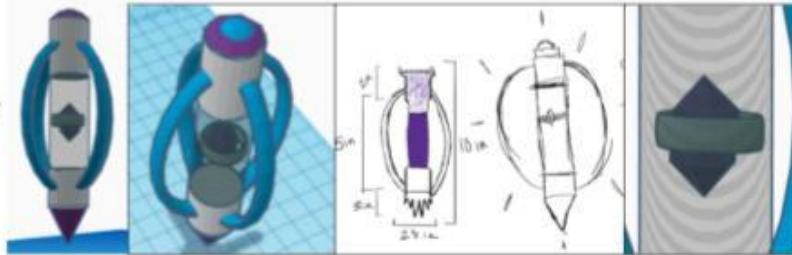
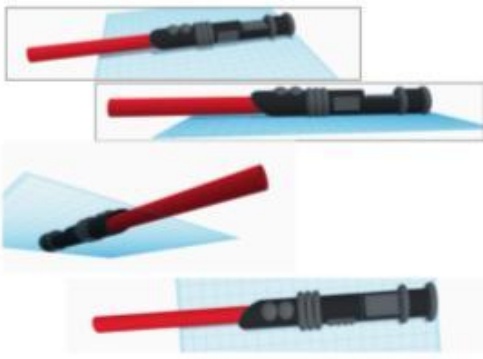
MAY THE FORCE BE WITH YOU...



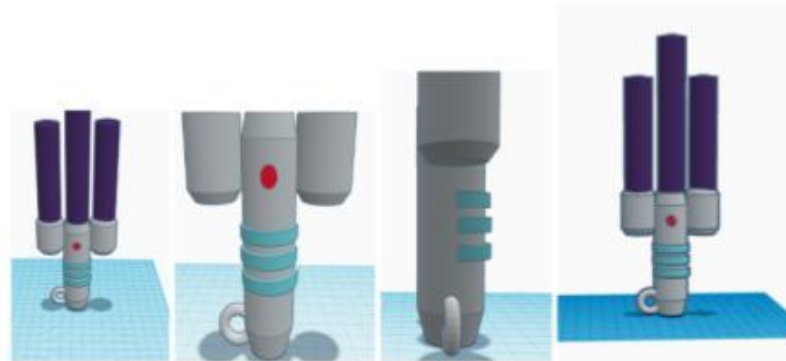
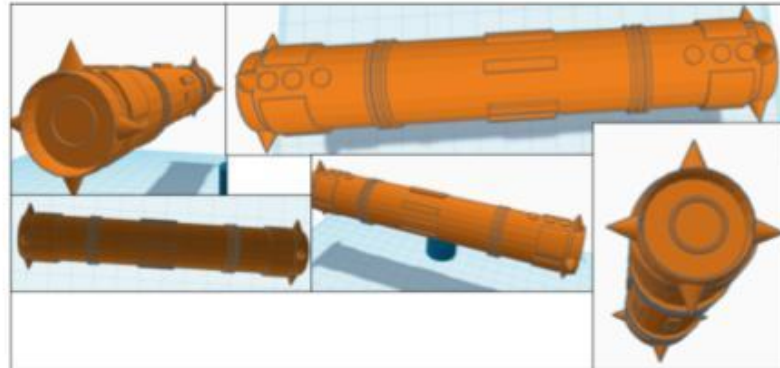
"If you define yourself by your power to take life, your desire to dominate, to possess, then you have nothing." — Obi-Wan Kenobi (Season Three, Episode 20, "Twin Suits")



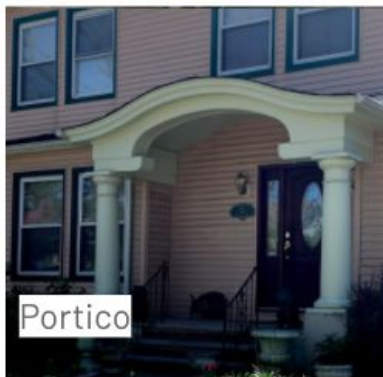
"I am no Jedi." — Ahsoka Tano (Season Two, Episode 21, "Twilight of the Apprentice")



"I find your lack of faith disturbing." — Darth Vader



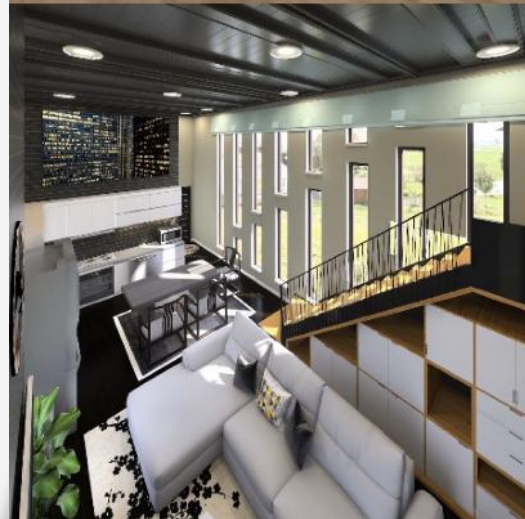
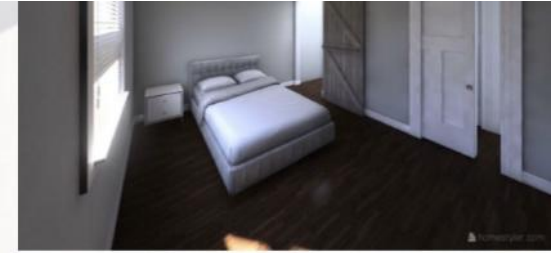
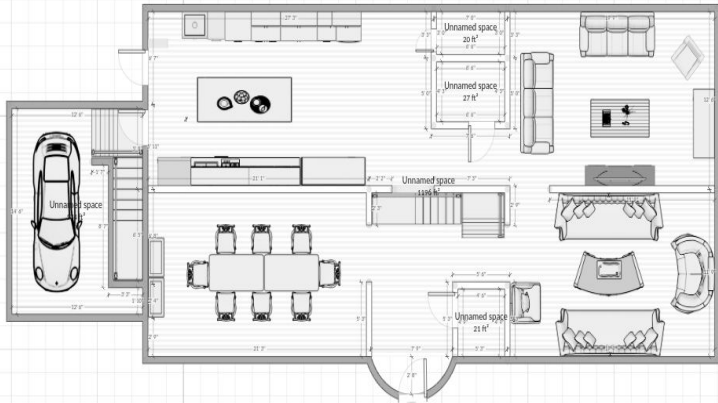
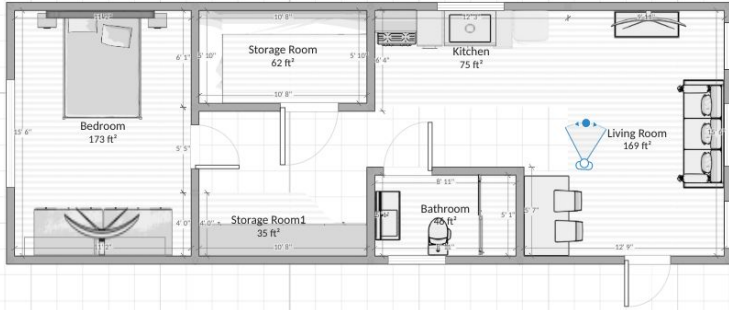
# ARCHITECTURAL SCAVENGER HUNT



Photographer: Mrs. Celi



# RESIDENTIAL DESIGN

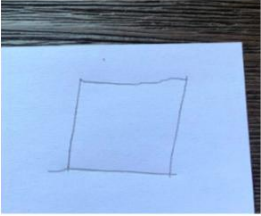


CAD SOFTWARE - HOMESTYLER

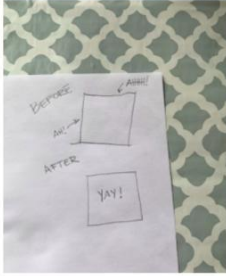


# UPCYCLING

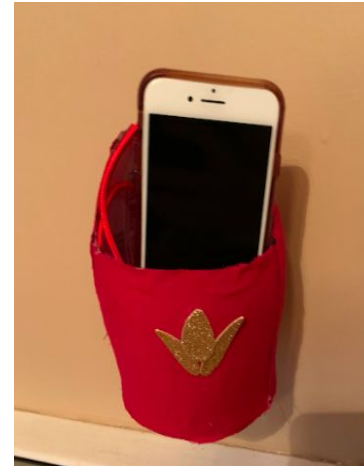
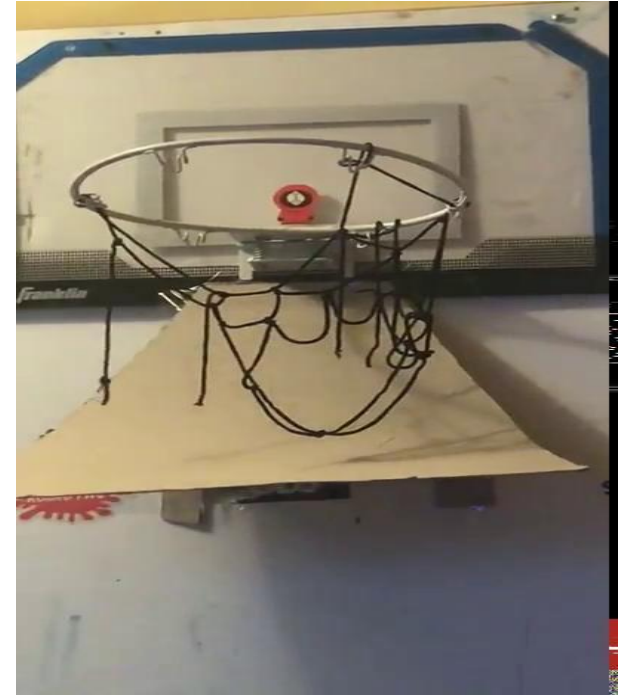
Problem: My desk has wood-like texture that pretty much makes it impossible to draw straight lines. AHH!!!



Solution: Make a drawing mat that fits on my desk!!!



PROBLEM SOLVED!!!





Welcome  
to  
Burtonland

Hope you enjoyed your visit



BREAK-OUT  
SESSION  
(5-10 MINS)





THANK YOU FOR  
JOINING ME

*Take Care*

