



# Preparing for 9<sup>th</sup> grade

Monday, January 30<sup>th</sup> 2023

# Agenda

- **Graduation Requirements**
- **Teacher Recommendations**
- **Honors vs. Academic**
- **Elective options**
- **Entering Electives in the portal**
- **Course Acknowledgement**
- **Timeline**



## Graduation Requirements

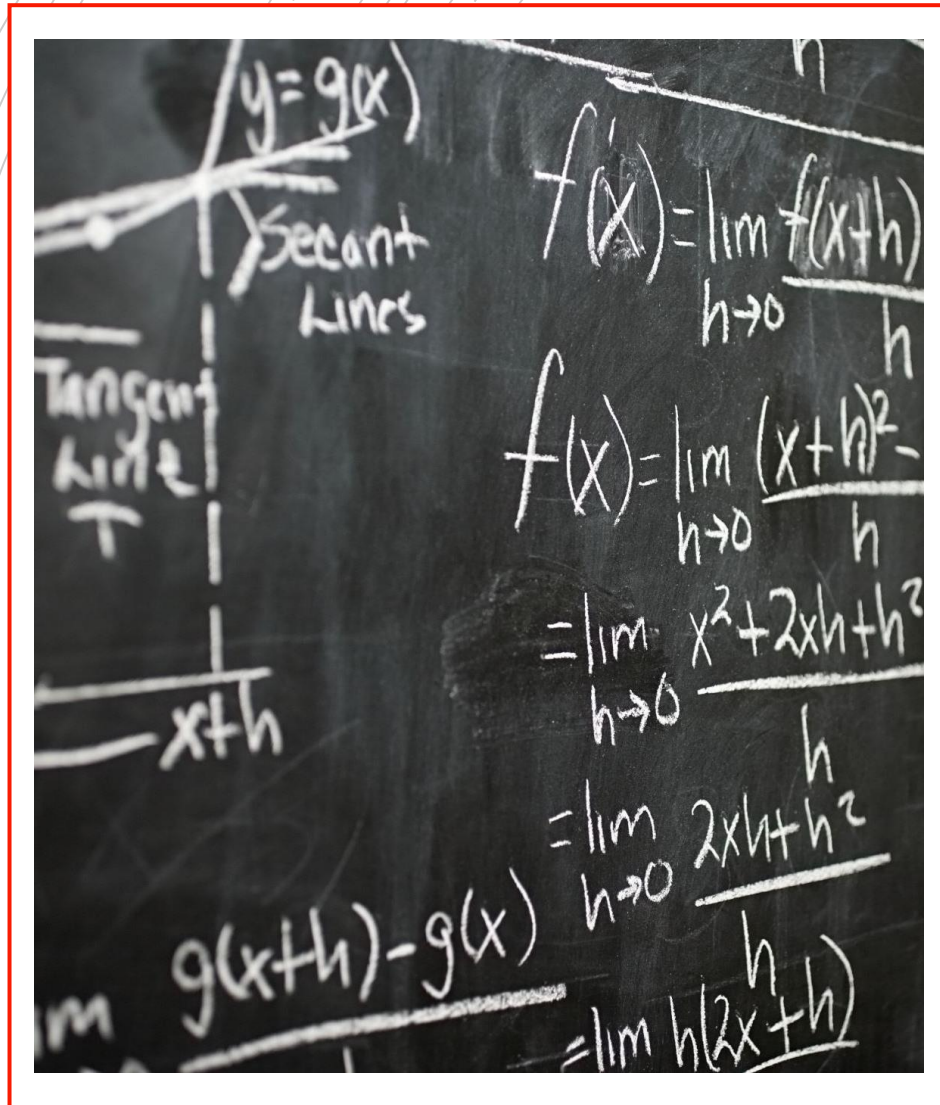
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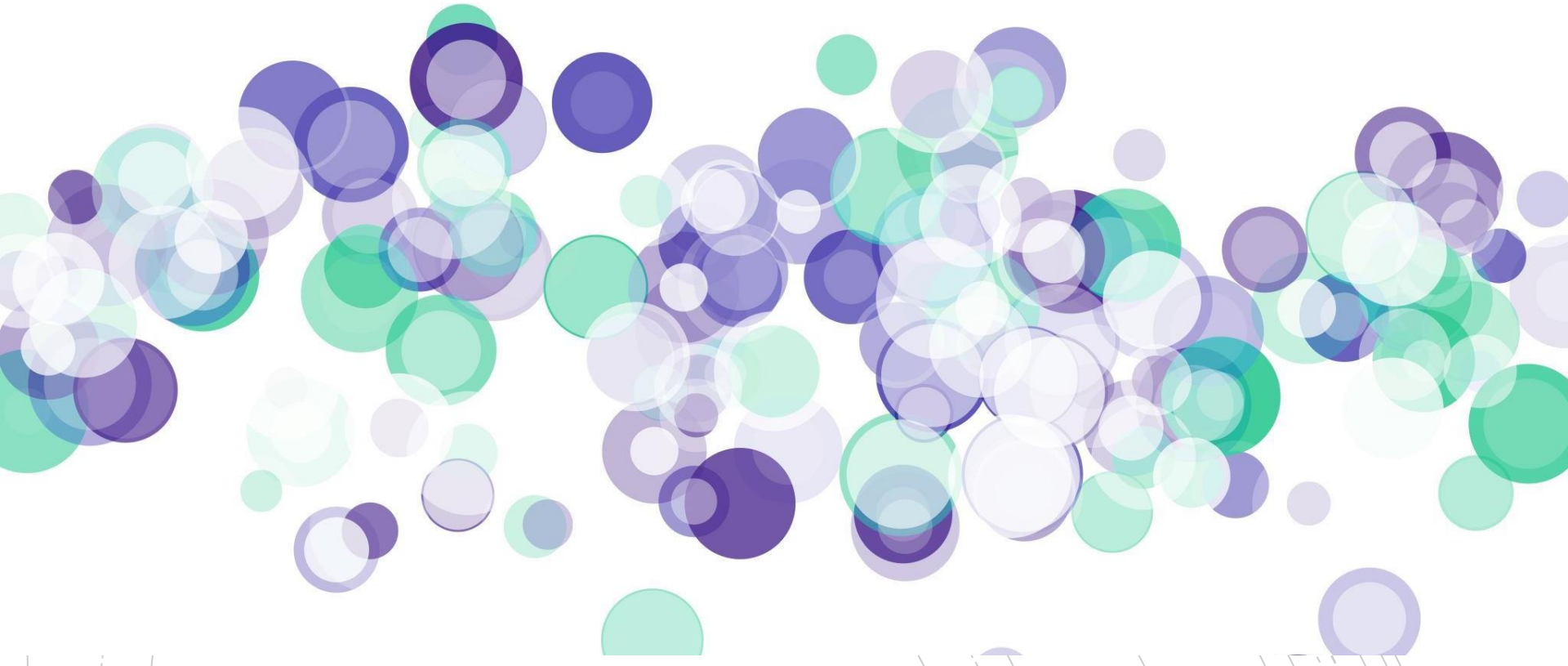
<b>Subject</b>	<b>Credits</b>
English	4.0
Math	4.0
Science	3.0
Social Studies	4.0
Electives	10.75
PE/Health	1.0
Success Plan	.50

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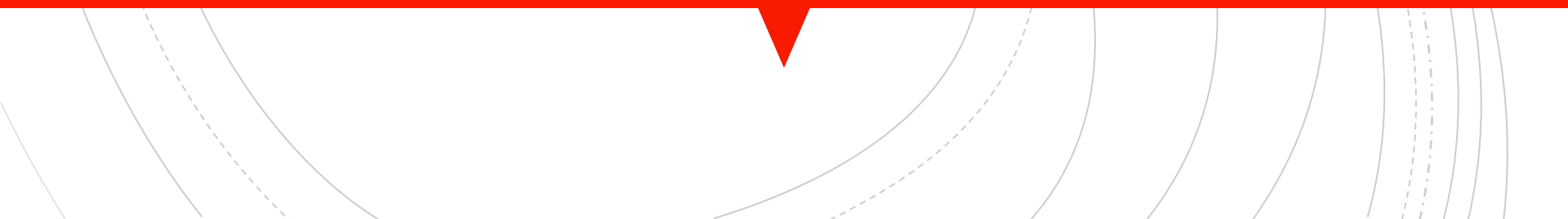
## Teacher Recommendations

- Jan 31st- Drag Sheet Day
- English, Math, Science, and Social Studies, World Language in ELA
- Feb 1st- Music and Non-Music to pick electives





# Honors vs. Academic Recommendations



# Honors Recommendation

**Weighted by .25  
like other high  
school honors  
classes**

**Define by more  
rigorous content,  
skill, and pacing.**



*dreamstime*

Balance for  
next year

# Sewing #6953

- 18 Weeks – Sewing
- 3 Projects:
  - Pillowcase
  - PJ pants
  - 3<sup>rd</sup> Project – Student Choice.





# Food For Life #6954

18 Weeks of Cooking

4 Units:

- Snacks & Apps
- Breakfast
- Lunch & Dinner
- Dessert

× Recipes include:

× *Lava Cakes*

× *Fettuccini Alfredo*


× *Auntie Anne's Pretzel*

× *Waffles*

× *Carmel Popcorn*

× *Pizza & Tacos*



A Minecraft-style cave with stone walls and a large opening looking out onto a bright, blocky landscape with a blue sky and green terrain. The text is overlaid on this scene.

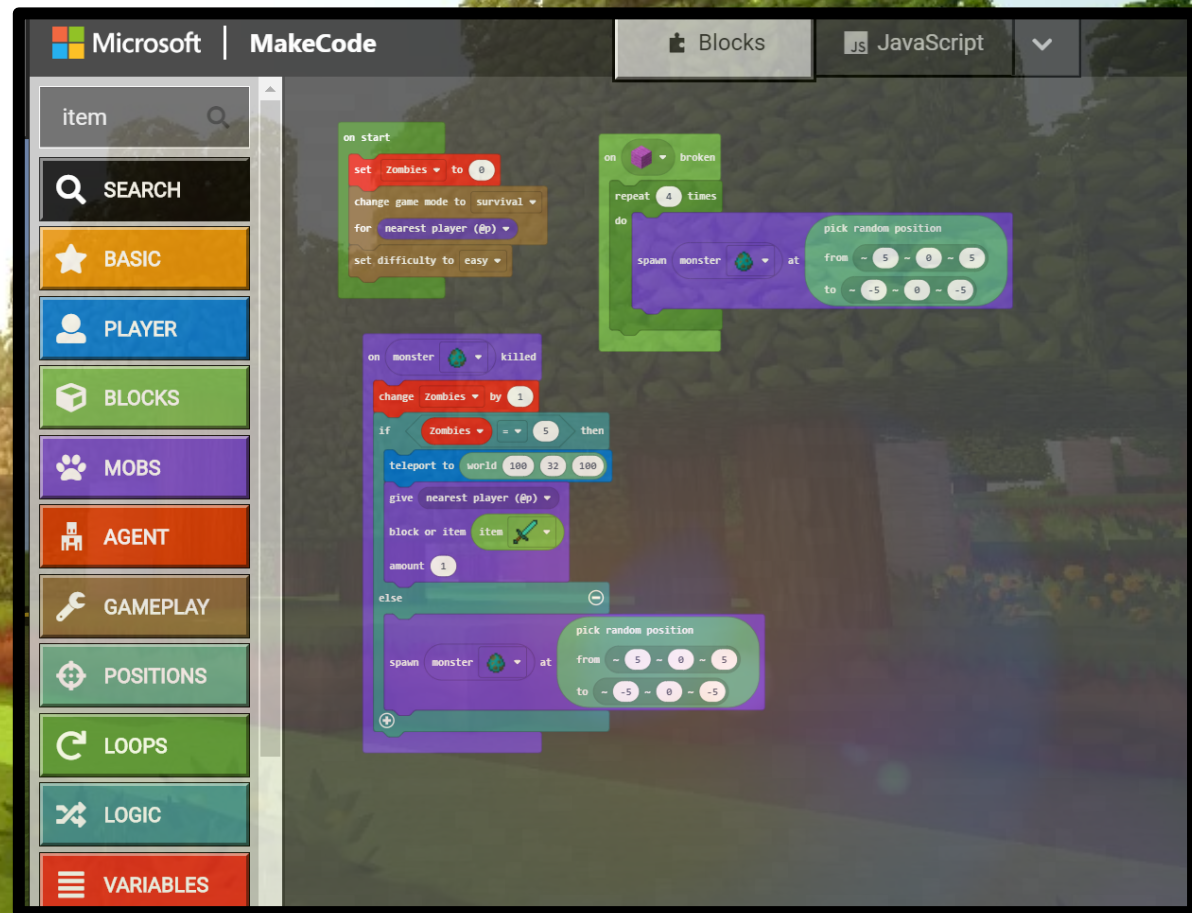
**Integrated Technology**

**Technology and Gaming  
Development**

**Course #5639**

# Unit 1 – Intro to Coding

1. Events
2. Coordinates
3. Loops
4. Variables
5. Conditionals



# Unit 2 – Game Creation

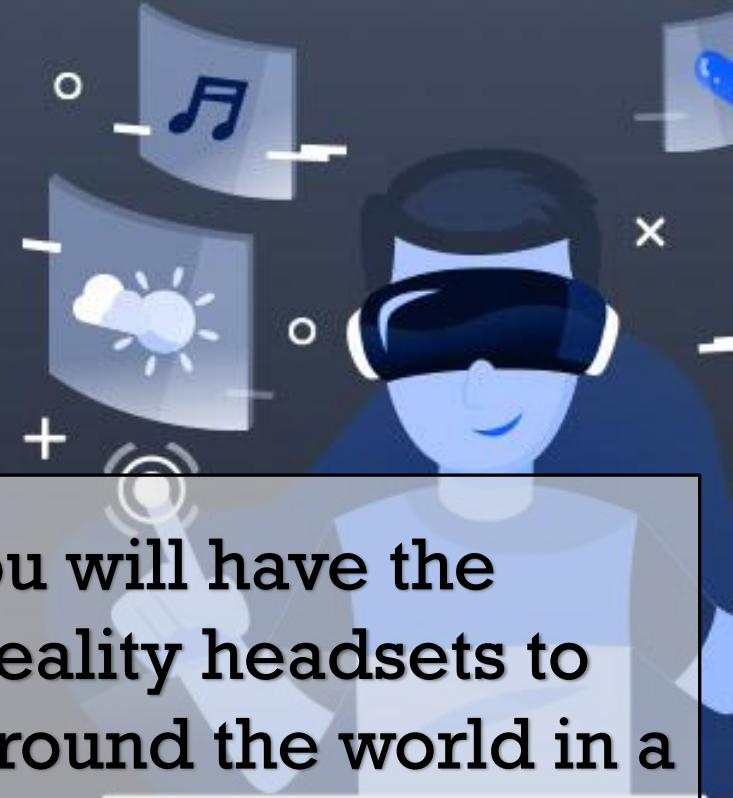


1. Build your world
2. Code your game
3. Create a logo and commercial
4. Playtest!

AR

# Virtual Reality

VR



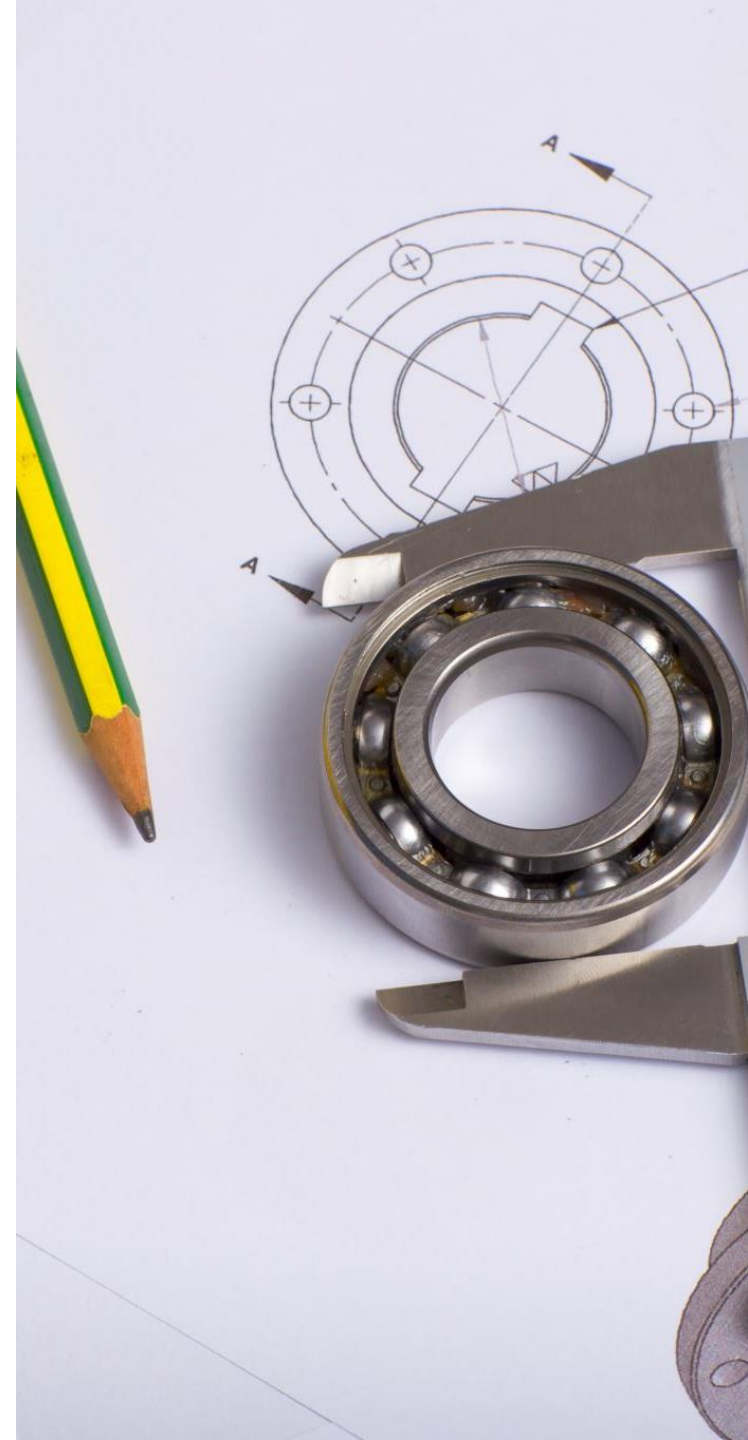
Throughout the semester you will have the opportunity to use the virtual reality headsets to experience gaming and places around the world in a new way!

# Technology & Engineering

Engineering Processes (“Woodworking”)

Engineering Design

Technical Drawing & Design



# Engineering Processes



- Squaring Material through machine processing.
- SET-UP, Safety & Use of
  1. Table saw,
  2. Jointer
  3. 3. Band saw
  4. Chop saw/ Miter saw
  5. Thickness Planer
  6. Radial Arm saw
  7. Drill Presses
  8. Hand tools and Finishes

## Engineering Processes

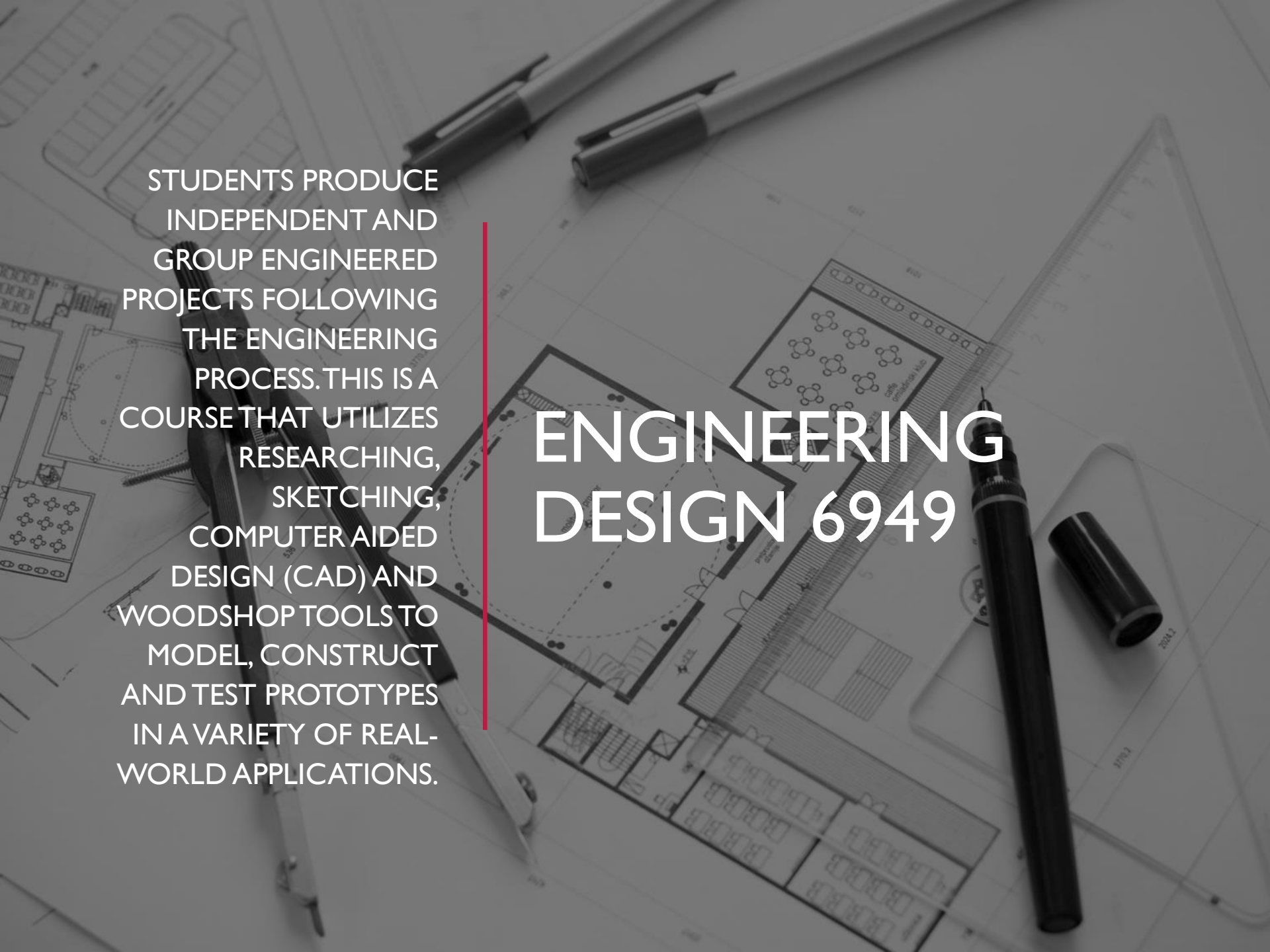


This Photo by Unknown author is licensed under [CC BY-SA](https://creativecommons.org/licenses/by-sa/4.0/).

Projects may vary from year to year but have included

1. Candy Machine/  
Dispenser
2. Cutting Board/  
Charcuterie Board
3. Robotic Arm Competiton
4. Passive Phone Amp
5. Docking Station
6. Student suggested  
Projects



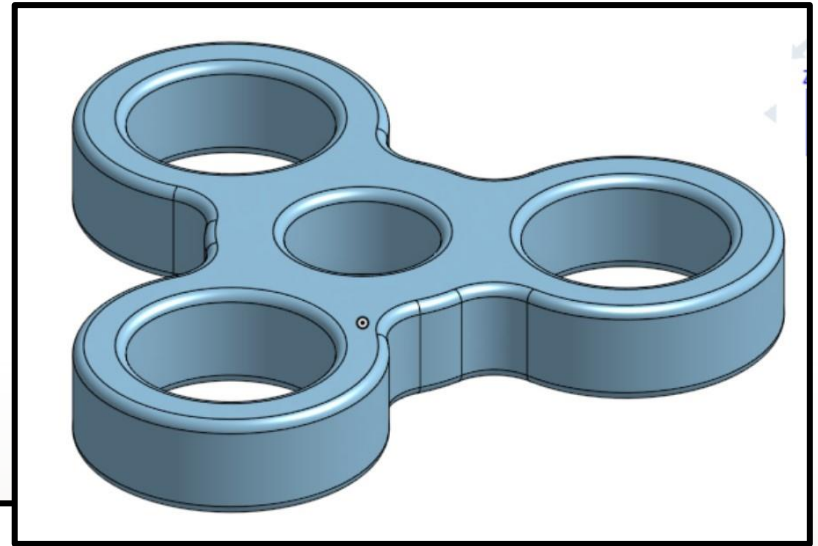
The background of the image is a grayscale photograph of an engineering workspace. It features a large architectural floor plan with various rooms and structural lines. Scattered across the plan are several drafting tools: a pair of compasses, a pencil, a black marker with its cap off, and a clear plastic ruler. The overall aesthetic is professional and technical.

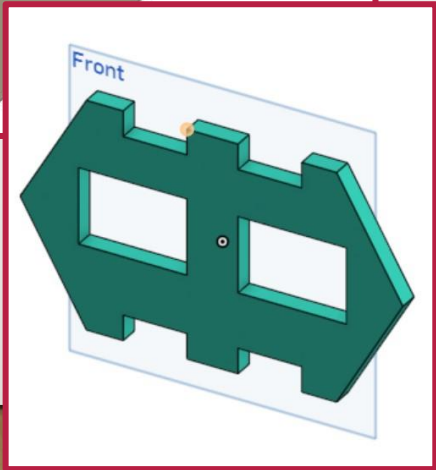
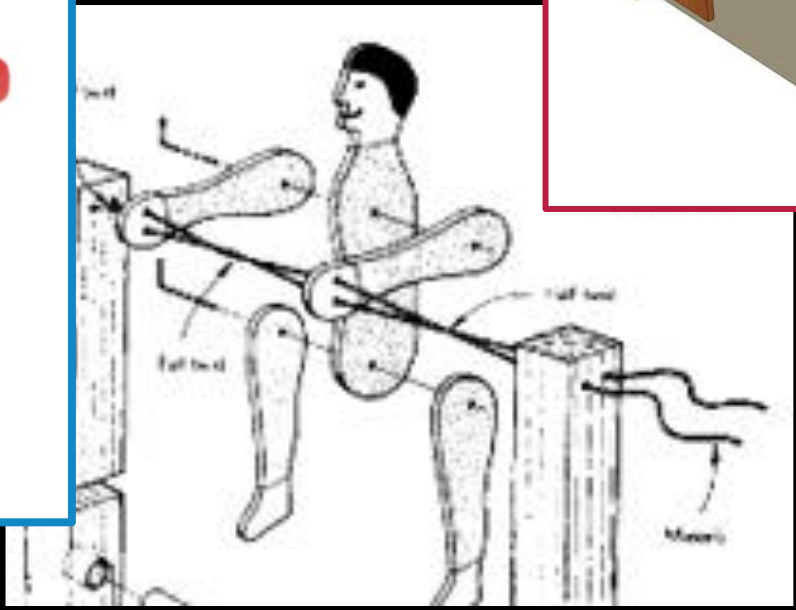
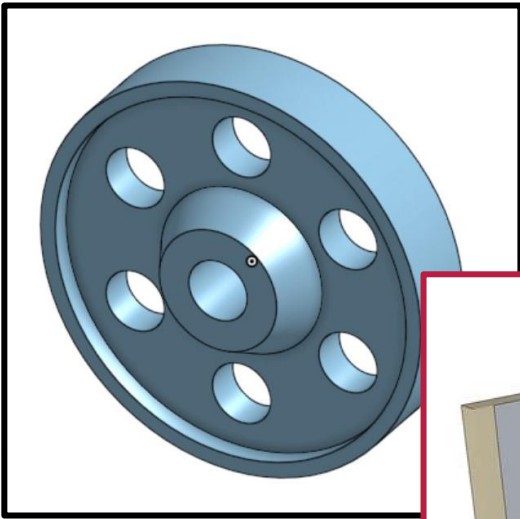
STUDENTS PRODUCE  
INDEPENDENT AND  
GROUP ENGINEERED  
PROJECTS FOLLOWING  
THE ENGINEERING  
PROCESS. THIS IS A  
COURSE THAT UTILIZES  
RESEARCHING,  
SKETCHING,  
COMPUTER AIDED  
DESIGN (CAD) AND  
WOODSHOP TOOLS TO  
MODEL, CONSTRUCT  
AND TEST PROTOTYPES  
IN A VARIETY OF REAL-  
WORLD APPLICATIONS.

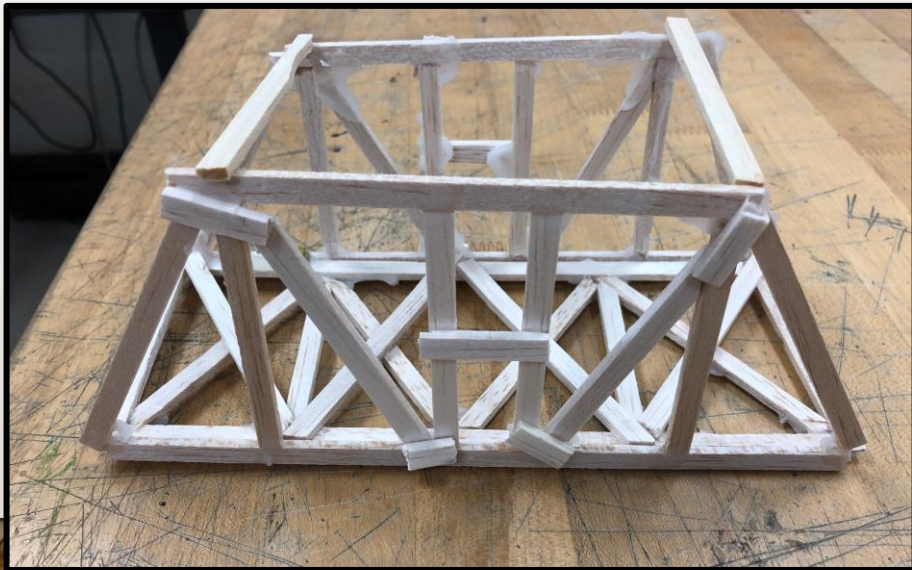
# ENGINEERING DESIGN 6949

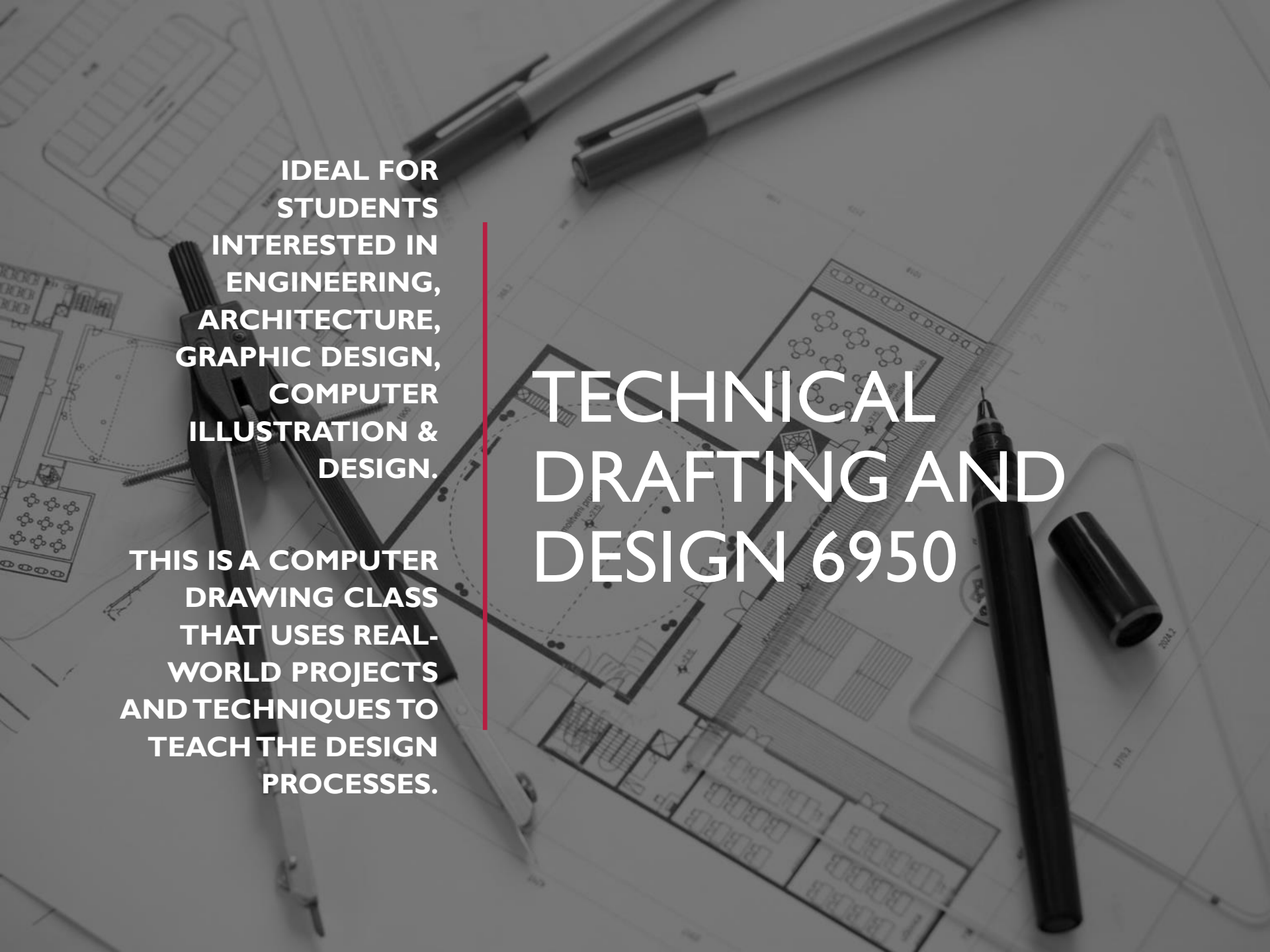
## Various Projects Include:

- Mini Golf design
- Bridge Construction
- Paper Tower Challenge
- Rocketry
- Kites
- Water Bottle Rockets
- Wooden Toy Design
- STEM Car Challenges
- Machinery Design
- 3D Modeling
- Architecture





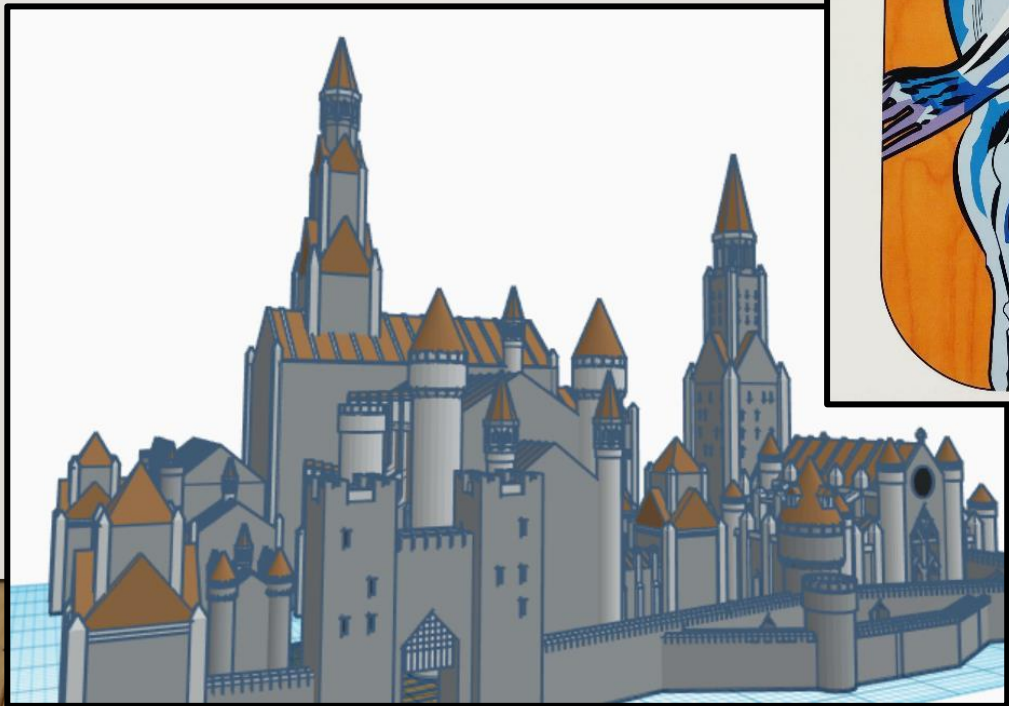
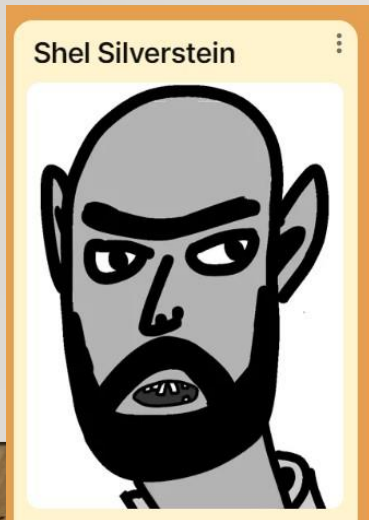
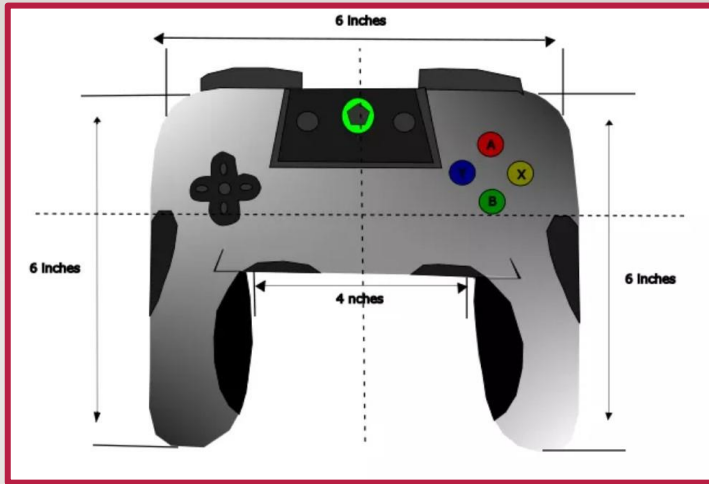
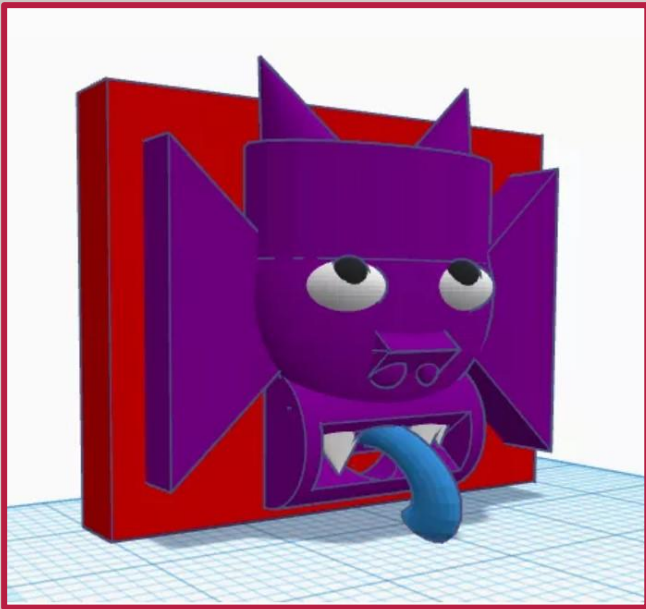


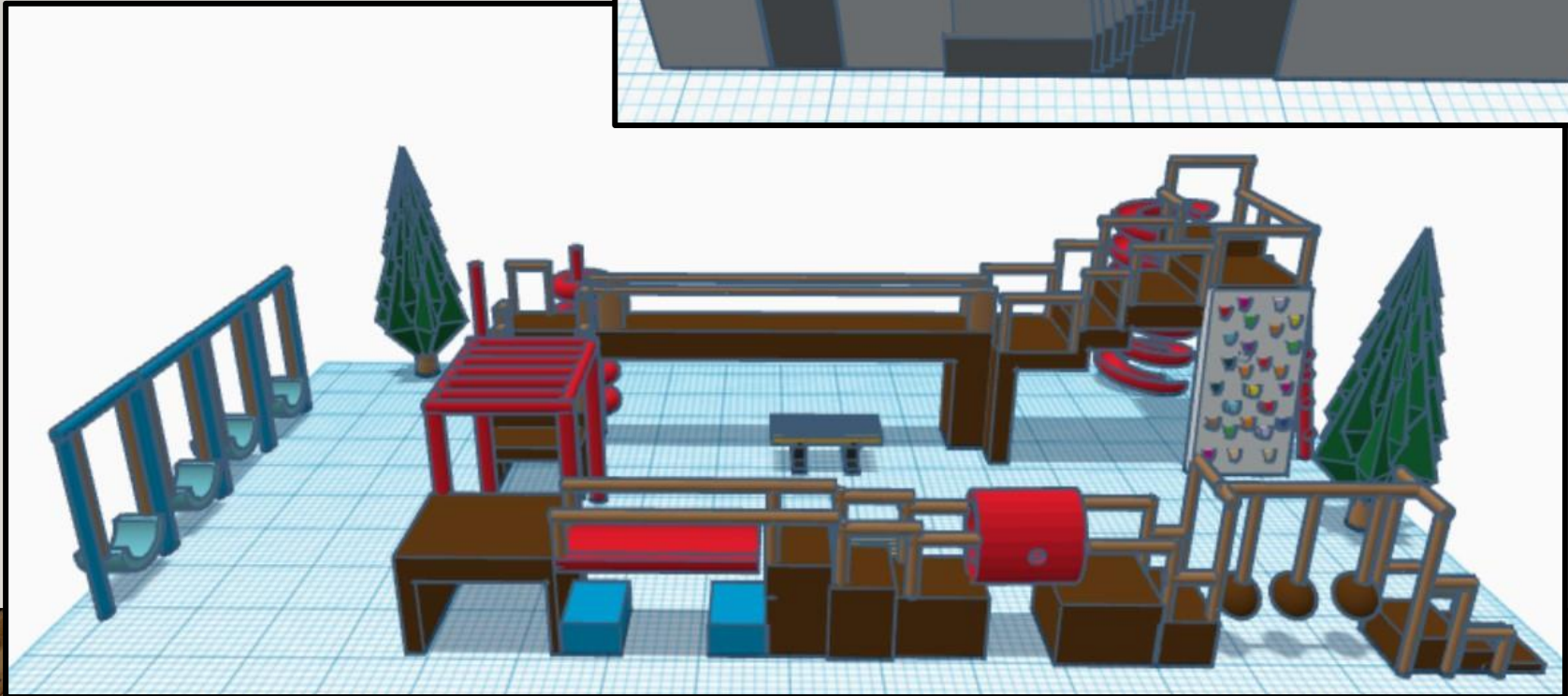
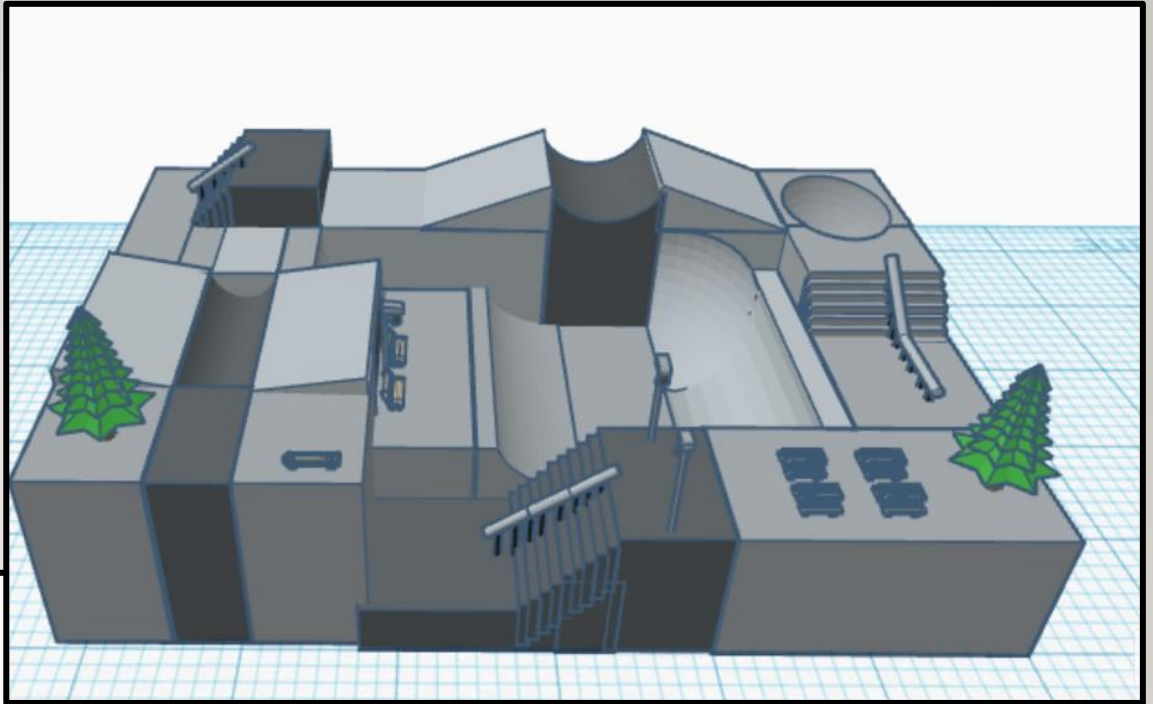
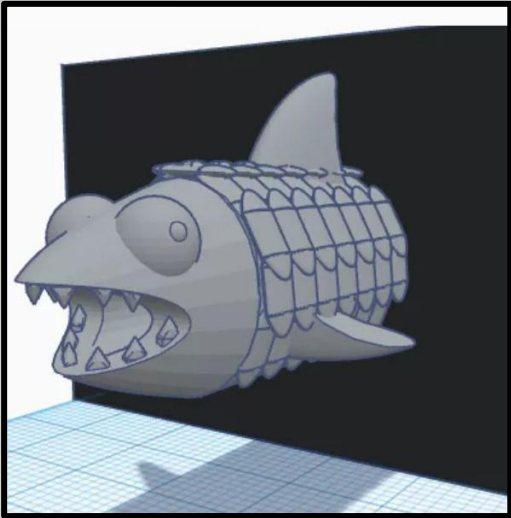
The background is a grayscale image of a technical drawing or architectural plan. It features various drafting tools: a pair of compasses on the left, two pens or markers at the top, a black pen with its cap off on the right, and a ruler on the far right. The drawing itself shows complex geometric shapes, lines, and patterns, typical of engineering or architectural design.

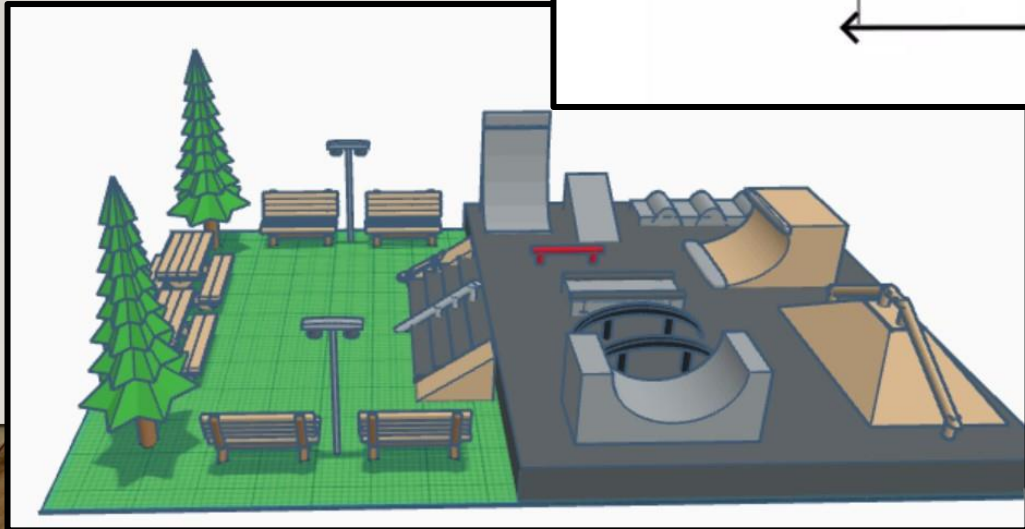
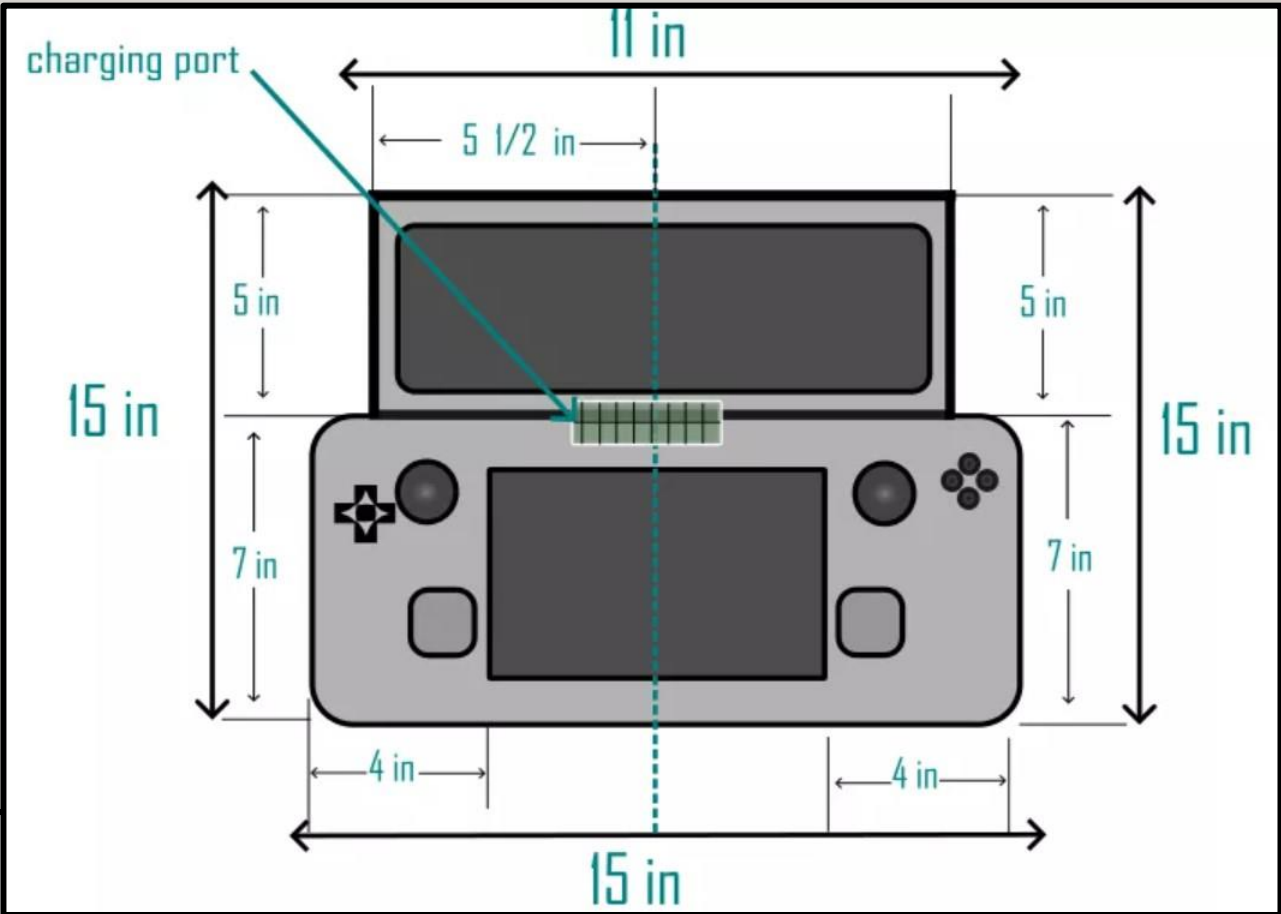
**IDEAL FOR  
STUDENTS  
INTERESTED IN  
ENGINEERING,  
ARCHITECTURE,  
GRAPHIC DESIGN,  
COMPUTER  
ILLUSTRATION &  
DESIGN.**

**THIS IS A COMPUTER  
DRAWING CLASS  
THAT USES REAL-  
WORLD PROJECTS  
AND TECHNIQUES TO  
TEACH THE DESIGN  
PROCESSES.**

# **TECHNICAL DRAFTING AND DESIGN 6950**





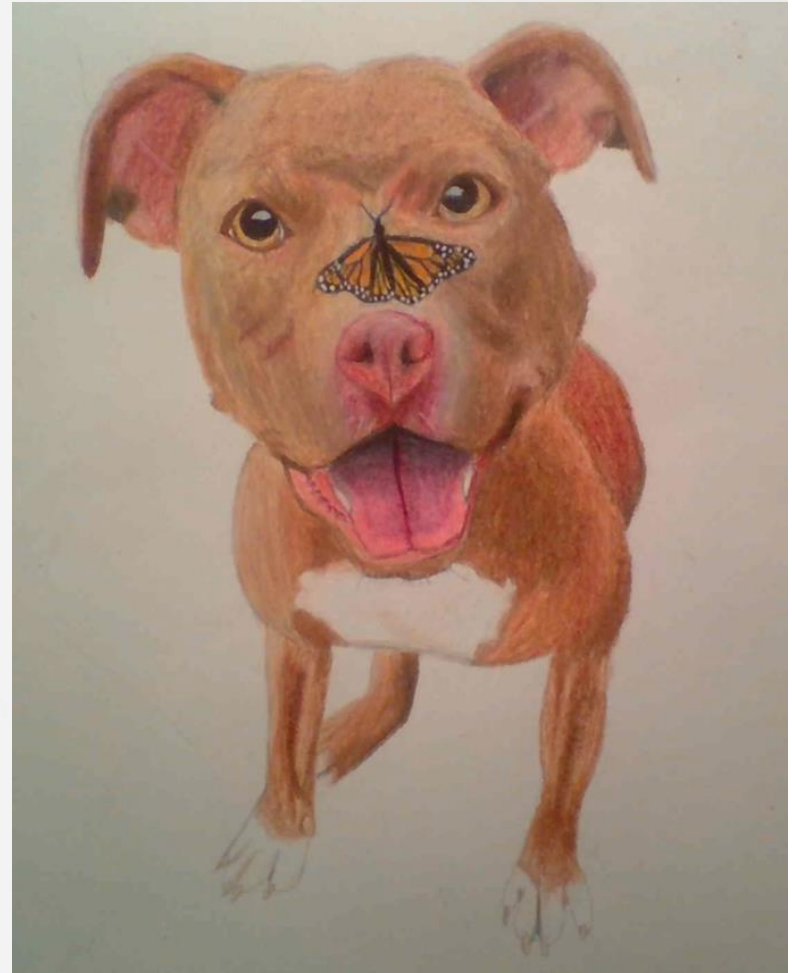




# Drawing & Painting

## 18 weeks

- **General Art History**
- Art criticism, materials and techniques
- **Units of study**
  - **Identity/Elements & Principles**
  - **Value – drawing & painting**
  - **Color 1 - drawing**
  - **Color 2 - painting**
  - **Enrichment**



# The projects: Drawing & Painting



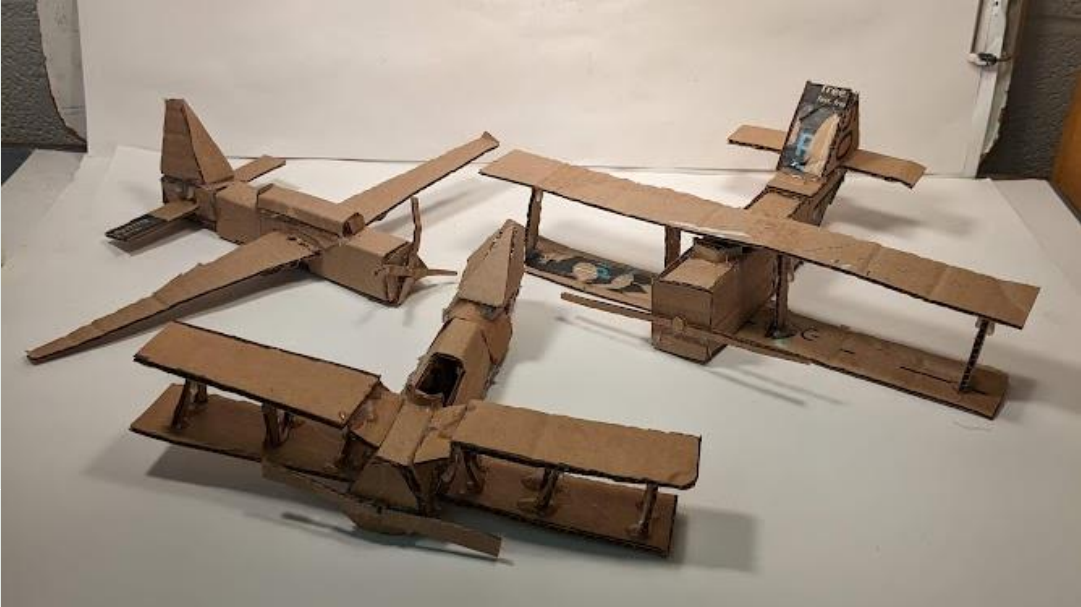
# 3D Design

## 18 weeks

- **General Art History**
- Art criticism, materials and techniques
- **Units of study**
  - **Drawing 3D Forms**
  - **Compositional Layering - mosaics**
  - **Functional vs Sculptural**
  - **Abstraction & Imagination**
  - **Enrichment**



# The projects: 3D Design



# Photography

18 weeks

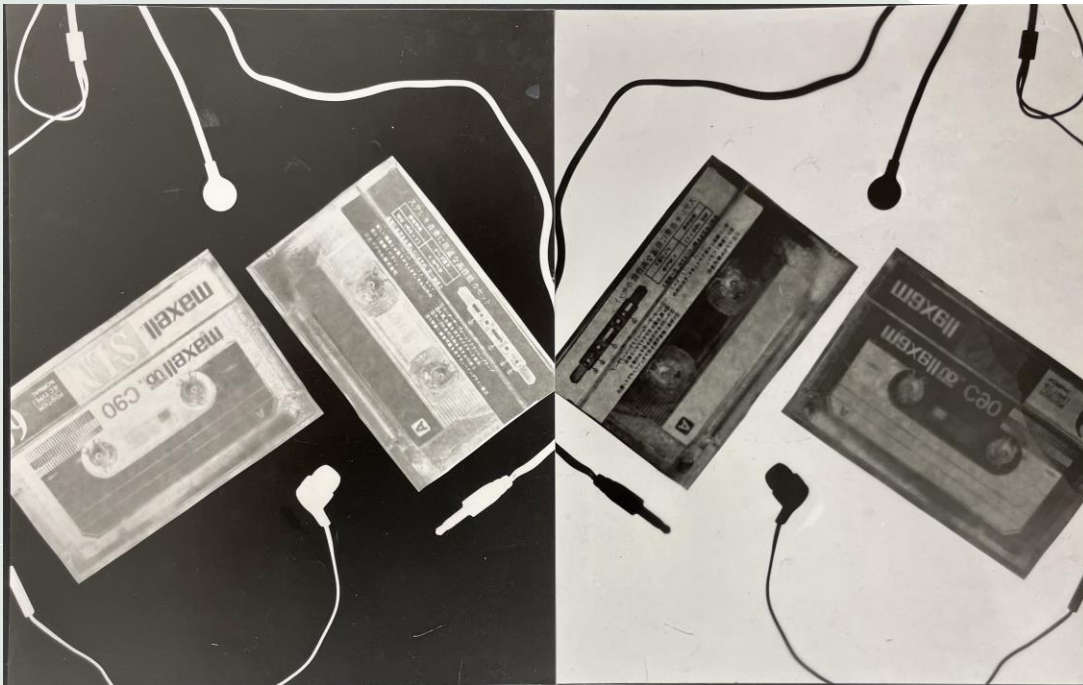
## General Art History

Art criticism, materials and techniques

- Units of study
  - Elements and Principles
  - Camera
  - Darkroom
  - Developing
  - Digital



# The projects: Photography



# Ceramics

## 18 weeks

- **General Art History**
- Art criticism, materials and hand building techniques
- **Units of study**
  - **Drawing 3D Forms**
  - **Pinch**
  - **Coil**
  - **Slab**
  - **Enrichment**



# The projects: Ceramics







**BAND  
CHOIR  
ORCHESTRA**

**Mixed Choir**

**Leadership Opportunities**

**Community Service**

**Bridge to High School**

**Honors Festivals**

**Fun with friends!**

**Select Ensembles:**

**Chamber Choir   Women's Ensemble   Men's Ensemble  
String Ensemble   String Quintet   Jazz Band   Wind Ensemble**

# Guitar Class

- No musical experience is required to enroll!
- Students can use a personal guitar OR simply use one of the school instruments (no requirement to purchase a guitar).
- Throughout the semester, students learn:
  - 20+ chords and various strumming patterns
  - Well known guitar riffs and solos
  - How to read guitar tablature and sheet music
- Extra enrichment opportunities available for experienced guitarists.

# ELECTIVES (MUSIC)



Students take PE every other day for the entire year

Half of PE credit to graduate fulfilled

PE (A day)	PE (A day)	PE (A day)	PE (A day)
Chorus (B day)	Chorus (B day)	Chorus (B day)	Chorus (B day)

# ELECTIVES (NON-MUSIC)



Students take PE every other day  
for the entire year

Half of PE credit to graduate fulfilled

PE 3-D Design	PE 3-D Design	PE Cooking	PE Cooking
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## **Date**

## **Responsibility**

Jan 30th

Program Planning Kickoff Assembly

Jan 31st

Drag Sheet Day- teacher makes recommendation

Feb 1st

Enter Elective Choices in portal with Student Services during I&E

Feb 2-Feb 13

Teachers are putting your courses into portal

Feb 22-Feb 28t

Verify/Acknowledge Courses on Portal

Timeline

Any  
Questions

**8967** Chorus (all year A/B day)

**8965** Band (all year A/B day)

**8966** Orchestra (all year A/B day)

**6949** Engineering and Design

**6950** Technical Drawing and Design

**6958** Engineering Processes

**6953** Sewing

**6954** Cooking

**8954** 3-D Design

**8250** Exploring Drawing & Painting

**8366** Exploring Ceramics

**8460** Exploring Photography

**5639** Technology and Gaming Development

**8969** Guitar