



8th Grade Design Lab

2020-2021

Deana Baumert

Dbaumert@marsd.org

Course Overview



Welcome to the Design Lab! Here in the lab we will be working with the design process to create all kinds of fun. The goal here in Design Lab is to focus on the process of designing. Some of the ways that we design are with the 3D printers, creating with the Cricuts and many other materials. Our imaginations are our only limit!

Course Objectives

By the end of this class, you will be able to:

- Gain an understanding of how to use the design process to solve problems and design solutions.
- Utilize self reflection and constructive feedback from others to improve designs.
- Learn how to design in 3D with Tinkercad

Class Schedule

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| <u>Monday</u> | Synchronous Google Meets will take place at 9:32 - 10:22AM |
| <u>Tuesday</u> | Synchronous Google Meets will take place at 9:32 - 10:22AM |
| <u>Wednesday</u> | Class will meet virtually via Google Meet at 9:32 - 10:22AM |
| <u>Thursday</u> | Synchronous Google Meets will take place at 9:32 - 10:22AM |
| <u>Friday</u> | Synchronous Google Meets will take place at 9:32 - 10:22AM |

Course Information

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| <u>Class Announcements</u> | All information will be posted on Google Classroom |
| <u>How can you get in touch with me?</u> | Email Me! :) When writing a message, please follow the expectations below: <ul style="list-style-type: none">• Include your name, the class name, subject of the message (e.g., Heather Smith--ELA10--Essay)• Be specific about what you need in your email message.• Make sure you type your question in the message and not in the subject box.• Ask a question in the assignment in Google Classroom |
| <u>Materials for Class</u> | Students work on an independent project during portions of the class. Some supplies are available, however some may need to come from home. Students are encouraged to reuse items they already have from home. If a student will be bringing in purchased materials from home that is at the discretion of the guardian. |
| <u>Online Discussions</u> | Online discussions are an opportunity for you to interact with and learn from your peers. The class will regularly engage in conversations about the course content. You will receive credit for your participation in these academic discussions. You are expected to post thoughtful, respectful, and |

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| | well-written responses to the discussion questions and reply thoughtfully to at least two other students per discussion. |
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Participation Policy

- Students are expected to be respectful and supportive in all class interactions. All ideas are welcome and everyone’s unique talents are celebrated.
- Students are expected to log into the scheduled Google Meets at the scheduled times. If a student is unable to attend they must communicate the reason to me as soon as possible, however it will still be marked as an absence.
- Students are expected to check Google Classroom regularly for updates on assignments.
- Students are expected to participate by sharing ideas and being as creative as possible.

Grading Policy

Students will be graded on a weekly basis. The following is a breakdown of how students are graded.

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| Design Challenge or Project Completion | Students are assigned either a design challenge for the week or a project to be completed by the end of the week. | 50 points |
| Attendance Question | A question will be posted each day at the start of the time slot of class. This question must be answered. | 10 points |
| Weekly Reflection | There will be a reflection posted for each assignment that students must complete. | 15 points |
| Weekly Performance | Students will be graded on their overall performance during the week for: <ul style="list-style-type: none"> ● Active participation in Google Meets. ● Responding to teacher notes in Google | 25 points |

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| | <p>Classroom in a timely fashion.</p> <ul style="list-style-type: none">• Communicating questions and concerns with the Teacher in a timely fashion.• Work is turned in on time.• Reflections are thoughtful and connected to their work. | |
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