**Project Planner**

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| \*Safety is extremely important. Any time you are in the maker lab using tools you must have permission from Mrs. Hagedorn.  \*If you are not creating in the lab you do not need to be in that room. If you are in that room you must clean up after yourselves.  \*Remember that Mrs. Hagedorn works hard to make these materials available to you. Do not take any materials without permission. |

**Possible Projects**

1. Woodworking - you must find plans and understand tools.
2. 3D Printing - You must explore and understand before designing.
3. Game Design or Computer Coding.
4. Greenhouse Design
5. Chickens (Incubating, Hatching, Caring for)
6. Robotics (select robots)
7. Design your own

**For each project please complete the items below:**

**1.Project Selection** (10 points)

**2.Project Knowledge** (10 points)

**3.Challenges** (10 points)

**4.Successes** (10 points)

**5.Real World Connection** (5 points)

**6. Enrichment Task** (5 points)

**You may complete up to 3 projects for the 4th nine weeks (2 weeks each)**

Project 1 due 4/20

Project 2 due 5/4

Project 3 due 5/18

**ALL WORK SHOULD BE DOCUMENTED AND SUBMITTED ON THE PAGES BELOW!**

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Purple/Gold**

**Project Selection:** 10 points

What project did you select? Why did you select this project? Include a final picture.

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**Project Knowledge:** 10 points

What tools and/or programs were necessary to complete this project? How did you gain this knowledge?

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**Challenges:** 10 points

* What were some of the challenges you faced?
* Choose two or three challenges and use bullet points (2-3 words for each challenge)
* Include a picture that helps your audience understand

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**Successes:** 10 points

* What are you proud of accomplishing?
* Choose two or three accomplishments and use bullet points (2-3 words for each)
* Include a picture that helps your audience understand

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**Real World Connection:** 5 points

Explain why the topic (not the specific engagement) you worked on is connected and important in the world. How will it help you?

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**Enrichment Task:** STEM Career Connection - 10 points

Are you wondering how STEM Class relates to the real world? Here’s your chance to learn what STEM careers might be a good fit for you! Explore one STEM career that relates to your project and describe what someone in this role may do in the space below.

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