Designing Your 3D Print

1- What is the object you want to create? Why do you want to make this design?

2- Use the space below to sketch out your design:

3- In your 3D design space, use the available tools to create your design. How many objects will you need to print to complete your design?

4- Download and import your design into your desired software. What is the estimated print time? If this time is too long, what changes can you make to your design to reduce the print size?

5- What other customizations will you need to make to optimize your design for printing?

6- How will you increase the outcome of a successful print with filament supports and adhesion?

7- What 3D printer materials will you require to make your print?

8- What other materials will you require to make your print?

9- Will you need more than one extruder to complete your design? If more than one is needed, which extruders & materials will correspond to which object?

10- Have a peer check your design. What feedback do they have?