

NAME: _____

PERIOD: _____

3D CO2 Car

Instructions:

1. Once your car is designed you will need to create an orthographic view of your car.
2. Open the file **Engineering 11x17 Titleblock.drwdot**.
3. Add the Front, Top, Side, Bottom and one 3D view of your car. This will allow you to show all of the necessary dimensions.
4. Using the 3D CO2 Dragster Reference Sheet, complete the "box" portion by adding the dimensions to your orthographic view of the car. You will need a partner to verify the dimensions and sign that they have seen them correct.

Print the orthographic views of your car:

1. Select the print icon at the top of the screen.
2. Change the name of the printer to the **CTE_122_COLOR_M750**
3. Choose the **Properties** option -----> change the paper source to **Tray 2** ---> click on **Advanced**
4. Change the paper size to **11x17** -----> **OK** -----> **OK**.
5. Choose the **Preview** option to double check that it all fits on the page
6. **Print**

Save your layout:

1. Choosing the **SaveAs** button
2. Change the file name to **LAST_FIRST_Layout**
3. Change the Save as Type to: **drawing (*.drw,*.slddrw)**
4. Click **Save**

Save to .STL:

1. **Return to original drawing file!**
2. Choosing the **SaveAs** button
3. Change the file name to **LAST_FIRST_car**
4. Change the Save as Type to: **STL (*.stl)**
5. Click **Save**

Assignment:

5. Open a new browser window and go to www.mralder.com/ .
6. On the homepage click the green button called **Drop it to Me**.
7. The password is **wms** all lowercase.
8. Drag and drop your **Lastname_First.stl** file into the Drop it to Me window. When you see a check mark then the file upload has worked and you are ready to print.
9. Staple this paper to the back of your orthographic projection. Make sure that all blanks have been filled in and turn into Mr. Alder for credit.
10. Wait patiently wait for your file to print.

