Please join me at the back table.
Mass vs Weight

Here is a summary of what we have discussed today:

**Weight** is the force exerted by a mass because of gravity, measured in Newtons.

**Mass** is the amount of matter in an object, measured in kilograms.

The mass of an object does not change with gravity, but the weight will. The moon has 1/6 the gravity of earth, meaning you would weigh 1/6 of your earth weight while on the moon, however your mass is the same.

When you use a scale you are actually using weight to make it work. However, the scale gives a reading of mass. This works because the scales have been calibrated to convert the value of force exerted on it, into a reading of mass.

There are several different types of scales, but all work on similar principles. A force is exerted on it, something moves, a reading is given.

Structures

You may use any remaining time to work on anything you have that is incomplete. Currently, you should have the following in your binder:

- Structures Testing
- Joining Methods Note

If both of these are complete, you may work on work from your other classes.