

Name: _____

Period: _____ Date: _____

Cartesian Diver

<http://lectureonline.cl.msu.edu/~mmp/applist/f/f.htm>

Procedure:

1. Try to make your diver float with its top touching the yellow line. Move the red spring up and down to adjust the pressure inside.
2. After everyone gets a chance to experiment with the diver, return it to the top and press **S** on your keyboard.
3. Get the diver to float at the yellow line.
4. Stop and wait for your teacher record your time for a class competition.

Observe:

Time: _____

There is one law listed on the page. There is another that describes what is going on with the air trapped inside the diver. What is that law?