

Science Lab #1

Create a model of the four atmospheric layers.

Using four different colors of either colored salt or colored fish tank gravel, put the following amounts in a cylinder:

First – 15 ml represents **Troposphere**

 45 ml represents **Stratosphere**

Now the cylinder will be filled up to the 60ml line.

Next - 45 ml represents **Mesosphere**

Now the cylinder will be filled up to the 105 ml line.

Finally – 895ml represents **Thermosphere**

The cylinder will be filled up to the 1000 ml line.

This Lab will visually show students how the layers of the atmosphere vary in width.