Gas Pressure Lab – You will be working with a partner, so only 1 of you will need to fill this out

**Step 1:** Prediction – Looking at the materials that are in the metal tray, PREDICT what you are going to be doing today.

* + HINT 1 – You are going to build something out of these supplies.
  + HINT 2 – You will also be using WATER in this experiment.
  + HINT 3 – Our next videos will discuss how volume, pressure, and temperature are all related in a gas.

Record your prediction here (Be logical – don’t say something ridiculous): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Step 2:** Go to Mr. B’s website and watch the YouTube video that is on today’s date.

**Step 3:** After you watch the video, you are going to build what you just saw in the video.

* NOTE – Not all supplies are going to be the same, so you will have to improvise a little bit.
* DO NOT WASTE YOUR TIME – this step must be completed before you leave.
* When you are ready to fill your bottle with water, go to the sink in the front of the room by the piranhas.
* Make sure you use the metal tray to catch the water. Be sure to remove all materials from it before you do this step.

**Step 4:** Clean up

1. Dump all water into the sink at the front of the room (next to the piranhas)
2. Dry out your tray
3. Recycle your water bottle and throw away your balloon.
4. If your straw is in good shape, put it back in the metal tray.
5. If your straw is damaged, throw it away and let Mr. B know so he can replace it.
6. Return ALL other materials (marker, ruler, sharp object) to the metal tray
7. Take metal tray and put it on the counter next to the snake or on Mr. B’s desk in the back of the room. Wherever there is more room.

**Step 5:** Write-up – See the back of this paper for instructions that will explain what you will be responsible for completing next.

Write-up Instructions: Create a Google Doc and share it with your partner. That way you can both work on this portion at the same time.

Your write up must include the following information.

1. Both partners names (2 points)
2. A title for this lab (3 points)
   1. The title just has to relate somehow to the lab. Don’t overthink it. Just come up with one.
3. Your prediction (2 points)
4. List of materials used (5 points)
   1. Include everything that you used. BE SPECIFIC
5. Steps that you carried out. (20 points)
   1. Be specific. When you are writing these steps, do so in a way that anyone could follow along and do exactly what you did.
   2. Must include proper capitalization, punctuation, spelling, grammar, etc.
6. Conclusion (3 points)
   1. For your conclusion, you need to write up why the water came up out of the straw.
   2. Be specific, use proper grammar, etc.

35 points total

Below is an example on how you could format your write-up.

Names: Student 1 and Student 2

Title

**Prediction**

* Insert your prediction here

**Materials**

* Material 1
* Material 2
* Etc

**Procedure**

* First, do this
* Next, do this
* Then, do that
* Etc
* Etc

**Conclusion**

* Insert your conclusion here

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