

# Introduction to the Gas Laws

Name: \_\_\_\_\_ Period \_\_\_\_\_ Date : \_\_\_\_\_

You have read the introduction to the gas laws in section 13-1 of your text. In this computer lab you will observe the behavior of gases when different variables are changed. The variables that we will be changing and measuring are pressure, temperature, and volume.

## Getting to know the system:

1. Search for the "PhET chemistry sims."
2. Open the "Gas Properties" simulation and select "Run Now!"

This will give you a screen that looks like this:



3. Spend a few minutes just messing with the controls to see what happens.
4. Notice the effect of changing the constant variable from "None" to something else like volume, pressure, or temperature.

# Exploring Gas Laws Lab From Phet Answers

**Tai, Chih-Che, Moran, Renee M.  
R., Robertson, Laura, Keith,  
Karin, Hong, Huili**



## **Exploring Gas Laws Lab From Phet Answers:**

**Handbook of Research on Science Literacy Integration in Classroom Environments** Tai, Chih-Che, Moran, Renee M. R., Robertson, Laura, Keith, Karin, Hong, Huili, 2018-10-12 Secondary schools are continually faced with the task of preparing students for a world that is more connected advanced and globalized than ever before In order to adequately prepare students for their future educators must provide them with strong reading and writing skills as well as the ability to understand scientific concepts The Handbook of Research on Science Literacy Integration in Classroom Environments is a pivotal reference source that provides vital research on the importance of cross curriculum discipline connections in improving student understanding and education While highlighting topics such as curriculum integration online learning and instructional coaching this publication explores practices in teaching students how to analyze and interpret data as well as reading writing and speaking This book is ideally designed for teachers graduate level students academicians instructional designers administrators and education researchers seeking current research on science literacy adoption in contemporary classrooms

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