

# Summer Activity in Chemistry

# Chemistry I (rising juniors)

Web site:

<http://www.gpb.org/chemistry-study-of-matter/students/chemistry/all>

Please go to the link above and complete the assignments below during the summer months. Keep a three ring notebook by section of the completed worksheets. The assignments are due **the day you return** to school for full credit. You will be tested on this material upon return to school.

[Chemistry602: Writing Molecular Formulas and an Introduction to Organic Molecules](#)

<http://www.gpb.org/chemistry-physics/chemistry/602>

Video with note taking guide

Molecular changes Worksheet

[Chemistry901: Kinetic Theory, Atmospheric Pressure, and Gas Pressure](#)

<http://www.gpb.org/chemistry-physics/chemistry/901>

Video with note taking guide

Print the Gas Laws Formula Sheet

[Chemistry902: Boyle's Law and Charles' Law](#)

<http://www.gpb.org/chemistry-physics/chemistry/902>

Video with note taking guide

Boyle's Law and Charles' Law Worksheet

**Print: Boyle's Law Lab – Datasheet and Charles's Law Lab Datasheet. Read and be prepared to do these labs the first day of school.**

[Chemistry903: More About the Behavior of Gases](#)

<http://www.gpb.org/chemistry-physics/chemistry/903>

Video with note taking guide

Combined Gas Law and Ideal Gas Law Worksheet

Dalton's Law, Avogadro's Law, and Molar Volume Worksheet.

**Print: Gas Laws Activity Day Lab – Datasheet. Read and be prepared to do this lab the second rotation of school.**

[Chemistry1001: Solutions: A Special Type of Mixture](#) <http://www.gpb.org/chemistry-physics/chemistry/1001>

Video with note taking guide

Solutions Introduction Worksheet

[Chemistry1002: Solubility](#)

<http://www.gpb.org/chemistry-physics/chemistry/1002>

Video with note taking guide

Solubility Graphs Worksheet

[Chemistry1003: Molarity and Colligative Properties](#)

<http://www.gpb.org/chemistry-physics/chemistry/1003>

Video with note taking guide

Molarity Worksheet

Unit 10 Review