

## Children's book on gases

Objective: to design a children's book (geared toward ages 8-12) about the properties and behavior of gases. Your job is to show your understanding of the chemistry of gases through the creation of a children's book. The book should be informative, complete scientifically correct, original, and entertaining. Your children's book may be either fiction or non-fiction. You may write it as a story or as an informational book.

Directions:

1. Design children's book using:
  - a. Words: Your book must teach/inform children about gases.
  - b. Pictures or Diagrams: You may use original drawings or clipart.
2. Your book must include the following:
  - a. A scientifically accurate explanation of the properties and behavior of gases.
    - i. Include a molecular picture of gases and a description of their properties.
    - ii. Include a description of the effects of temperature, pressure, and volume on the properties of gases.
    - iii. Include a real-world example of gases and their unique properties.
  - b. Include a child friendly explanation of the science topic.
    - i. You must present the science information in words that a child could understand.
    - ii. Your book must be well organized and easy to understand.
  - c. Your book must look like a real book. For example, it should open like a book, have a cover, and include page numbers.
  - d. Make sure your book is original. Be creative! Have fun with the project.

