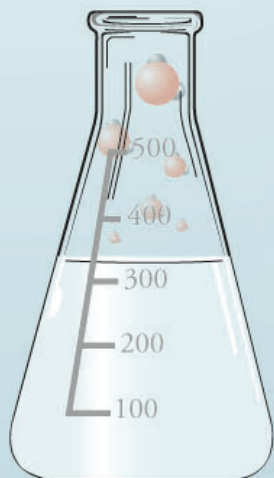


***An Introduction to
Chemistry***
by Mark Bishop



Why Study Chemistry?

- *I would watch the buds swell in spring, the mica glint in the granite, my own hands, and I would say to myself: “I will understand this, too. I will understand everything.*

Primo Levi (1919–87)

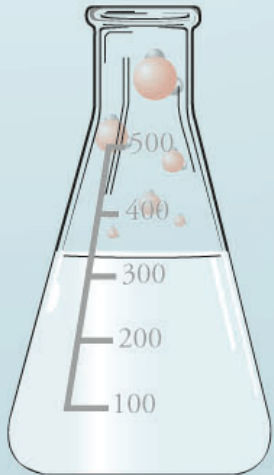
Italian chemist

and author of *The Periodic Table*

A vertical column of water molecules (H₂O) is shown on the left side of the slide. Each molecule consists of one red sphere (oxygen) and two black spheres (hydrogen) bonded together. The molecules are arranged in a descending line from the top left towards the bottom left.

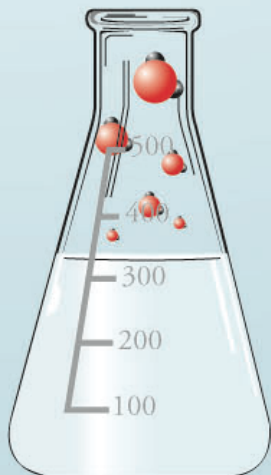
Chemistry

The science that deals with the structure and behavior of matter



What do chemists do?

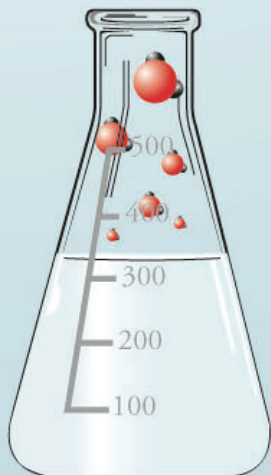
- Help us to understand the world around us.
- Produce important chemicals
- Sometimes make mistakes



A series of water molecules (H₂O) are arranged in a descending staircase pattern on the left side of the slide. Each molecule consists of one large orange sphere (oxygen) and two smaller grey spheres (hydrogen).

Chapter Tour

- Chapter map
- Review skills
- Objective references
- Sample study sheets
- Examples and exercises
- Web links
 - Tutorials
 - Animations
- Special Topics



Chapter Tour (cont.)

- Chapter Glossary
- Chapter Objectives
- Review questions
- Key ideas
- Chapter problems
 - Red-numbered problems answered in the back of the book and in the student study guide
- Objective references

