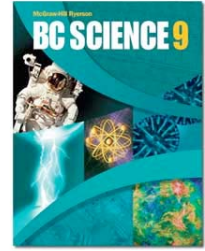


Section 1.3

Atomic Theory

Study Notes



By the end of section 1.3 you should be able to understand the following:

- John Dalton described matter as being made of atoms, either as one type or different atoms in combinations.
- Ernest Rutherford discovered the dense centre of atoms, the nucleus.
- An atom's volume is mostly occupied by electrons.
- Neils Bohr described electrons in the atom as existing at different levels of energy.

NOTES

What were two very early ideas about matter?

1.

2.

Who were the major contributors to modern atomic theory, and what were their contributions?

1.

2.

NOTES

What are the subatomic particles and how are each of them unique?

3.

4.

1.

2.

3.

Do the Reading Check on page 33