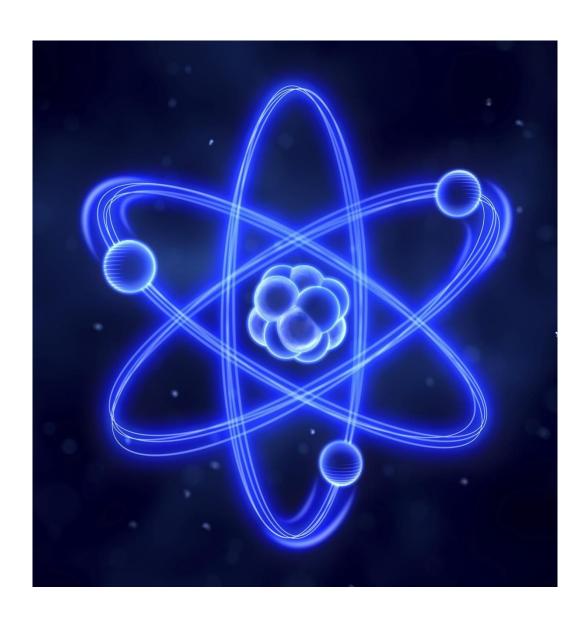
Grade 10 Science

Activity Sheet

Structure of Matter



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Lesson Number 1 Activity Sheet

- 1) What is the difference between matter and energy?
- 2) Divide the matter in to 3 according to the physical nature?
- 3) Divide the matter in to 2 according to its chemical nature?
- 4) What are the 2 types of pure substances?
- 5) Who introduce the term atom?
- 6) Explain the atomic structure of Rutherford?
- 7) Name 2 Sub atomic particles?
- 8) Fill in the following table of subatomic particles?

Subatomic	Charge	Mass
particle		
Proton		

Electron	
Neutron	

- 9) Compare energy of innermost shells and outermost shell s of an atom.
- 10) The atomic number of Magnesium is 12 and its mass number is 24.
 - I. Write the atomic number and the mass number of Magnesium in the standard form?
 - II. What is the number of neutrons in a Magnesium atom ?