

VOCABULARY/CONCEPTS ON ATOMS, ELEMENTS, MOLECULES, AND COMPOUNDS, AND MATTER FROM SCIENCESAURUS PAGES 255-262, 250-253. 20-23 May Classes (Test next week and you can use your notes)

You will need to write down the vocabulary word/concept and write the definition or the meaning of the concept:

PAGES 255-262 ON 20-21 MAY

Atom

Nucleus

Protons

Neutrons

Isotopes

Electrons

Electron clouds

Energy level

Atomic size and mass

The evolution of Atomic Theory

Democritus

Dalton's model of the atom

Thomson's model of the atom

Bohr's model of the atom

Electron Cloud Model – look this up on the internet.

Elements

Compound

Facts about an Element

Molecules

Diatomic molecules (oxygen and hydrogen)

Water molecule

Compounds

Properties of Sodium Chloride, Sucrose, Sodium Bicarbonate (know the chemical formula, the elements in them, properties of each element, and properties of the compound from the table).

PAGES 250-253 ON 22-23 MAY

Matter

Volume

Mass

Properties of matter

Physical properties:

Density

Ductility

Malleability

Boiling point

Melting point

Electrical conductivity

Solubility

Chemical properties

Physical change

Chemical change

States of matter (all the facts about these three)

Solid

Liquid

Gas