

Earth Science Review Sheet #2

File Edit View Insert Format Tools Table Add-ons Help Last edit was 10 days ago

christianspallone@ridgfieldps.net

Comments Share

Editing

Preview from Notesale.co.uk
Page 1 of 1

Physical Science Chapter 2 pages 43-51.

Physical and Chemical Properties

<https://www.youtube.com/watch?v=uJOGy0dgmUU>

Physical and Chemical Changes

<https://www.youtube.com/watch?v=gCbqjs-pqJo>

Physical Science Chapter 11 pages 287-293.

Elements- A substance made up by one kind of atom.

Atom- The smallest particle an element can be divided into and still be the same substance.

Electrons- The negatively charged particles in all atoms.

Proton- Small positively charged particles in a nucleus.

Neutron- Particles of the nucleus that have no charge.

Nucleus- Small extremely dense positively charged region of the atom.

Electron Cloud- Area inside the atom where electrons are likely to be found

Atomic Number- The number of protons in the nucleus of an atom. And electrons.

Atomic Mass Unit- The mass of the particles in the atom.

Atomic Mass- The average of the weight of the masses of naturally occurring isotopes of an element.

Mass Number- Sum of protons and neutrons in an atom.

Isotope- Atoms that have the same number of protons but different amounts of neutrons.

Khan Academy Link

<https://www.khanacademy.org/science/chemistry/atomic-structure-and-properties/introduction-to-the-atom>

Physical Science Chapter 12 pages 302-317.

[Periodic Table Song](#)

Periodic Law- The chemical and physical properties of elements are periodic functions of their atomic numbers.

Period- Horizontal rows in the periodic table.

Group- Vertical rows in the periodic table.

Valence Electron & Lewis (Electron) Dot Structures- The electrons in the outermost energy level of an atom.

Be able to use the Periodic Table to identify if it is a metal, nonmetal, or metalloid

Know the major characteristics of the groups of the periodic table

Alkali Metal- First group in the periodic table.