

3.1 Parts of the Periodic Table Activity

1. Everyone has a “cheat-sheet”.
2. You’re not allowed to show others your cheat-sheet, you must *read* off it.
3. Goal: fill up your notes sheet with all the necessary information by going around the room and asking others for information about their “group”
4. Some of the information you’ll have to figure out yourself--not all of it is on the “cheat-sheet”!
5. You should use this as a study guide!!

Part 1: Location

Label the parts of the periodic table below.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

Part 2: Properties

Alkali Metals

Group _____ Number of Valence Electrons _____ In the _____ Block

Properties (1) _____ (2) _____

Examples (1) _____ (2) _____

Alkaline–Earth Metals _____

Group _____ Number of Valence Electrons _____ In the _____ Block

Properties (1) _____ (2) _____

Examples (1) _____ (2) _____

Name _____ Date _____ Period _____

Transition Metals

Group _____ Number of Valence Electrons _____ In the _____ Block

Properties (1) _____ (2) _____

Examples (1) _____ (2) _____

Lanthanides

Group _____ Number of Valence Electrons _____ In the _____ Block

Properties (1) _____ (2) _____

Examples (1) _____ (2) _____

Actinides

Group _____ Number of Valence Electrons _____ In the _____ Block

Properties (1) _____ (2) _____

Examples (1) _____ (2) _____

Halogens

Group _____ Number of Valence Electrons _____ In the _____ Block

Properties (1) _____ (2) _____

Examples (1) _____ (2) _____

Noble Gases

Group _____ Number of Valence Electrons _____ In the _____ Block

Properties (1) _____ (2) _____

Examples (1) _____ (2) _____