

NAME _____

GROUP _____

CHAPTER 12 SYLLABUS

STANDARD:

E. STRUCTURE OF MATTER

Students will understand the structure of matter and the changes it can undergo.

Students will be able to:

3. Use the periodic table to group elements based in their characteristics.

OBJECTIVES:

1. NAME THE THREE CLASSES OF ELEMENTS.
2. WHAT ARE THE VERTICAL COLUMNS IN THE PERIODIC TABLE CALLED?
3. WHAT ARE THE HORIZONTAL ROWS OF ELEMENTS IN THE PERIODIC TABLE?
4. NAME THE ELEMENTS IN GROUP 13.
5. WHAT ARE GROUPS 3-12 CALLED?
6. NAME THE ELEMENTS IN GROUP 14.
7. WHAT IS GROUP 18 CALLED?
8. IN THE ELEMENT BOX WHAT IS THE TOP NUMBER?
9. IN THE ELEMENT BOX WHAT IS THE BOTTOM NUMBER?

VOCABULARY I:

Periodic Period Periodic Law Group Alkali Metals
Alkaline-Earth Metals Halogens Noble Gases

LAB: CREATE A PERIODIC TABLE

WEBSITES OF INTEREST: www.scilinks.org HSTP 280 / www.webelements.com
www.chemicalelements.com

CLASSWORK:

REVIEW SHEETS
DIRECTED READING
SCIENCE SKILLS

HOMEWORK:

VOCABULARY LISTS
REINFORCEMENTS
CONCEPT MAP
CHAPTER REVIEW P.320 EX 1-10

SUPPLEMENTAL PORTFOLIO:

PROBLEM SOLVING
ENRICHMENT
CHALLENGE

MATH IN SCIENCE
NEWSPAPER ARTICLES
REPORTS

VIDEOS
PUZZLERS
ET AL