LP Tuesday, October 16<sup>th</sup> and Wednesday, October 17<sup>th</sup>, 2018 CHAP 6

| Group              | 1              | 2               | 3               | 4         | 5  | 6               | 7         | 8  | 9               | 10              | 11         | 12              | 13              | 14              | 15              | 16                | 17       | 18                |
|--------------------|----------------|-----------------|-----------------|-----------|--|-----------------|-----------|--|-----------------|-----------------|------------|-----------------|-----------------|-----------------|-----------------|-------------------|----------|-------------------|
| Period<br><b>1</b> | 1<br>H         | ]               |                 | i i       |  | on Me           |           |  |                 | oble G          |            | 1               |                 |                 |                 |                   |          | 2<br><b>He</b>    |
| 2                  | 3<br>Li        | 4<br>Be         |                 |           | <ul> <li>Alkali Metals</li> <li>Alkaline Metals</li> <li>Transition Metals</li> <li>Rare Earth Elements</li> </ul> |                 |           | <ul> <li>○ Metalloids</li> <li>● Halogens</li> <li>○ Other Metals</li> </ul> |                 |                 |            | 5<br>B          | 6<br>C          | 7<br>N          | 8<br>0          | F                 | 10<br>Ne |                   |
| 3                  | Na             | 12<br>Mg        |                 | 1         | VК   | are E a         | rth Ele   | ments  | 8               |                 |            | ļ               | 13<br><b>Al</b> | 14<br>Si        | 15<br>P         | 16<br><b>S</b>    | CI       | 18<br>Ar          |
| 4                  | 19<br><b>K</b> | 20<br>Ca        | 21<br>Sc        | 22<br>Ti  | 23<br>V  | 24<br>Cr        | 25<br>Mn  | 26<br>Fe   | 27<br>Co        | 28<br>Ni        | 29<br>Cu   | 30<br>Zn        | 31<br><b>Ga</b> | 32<br>Ge        | 33<br><b>As</b> | 34<br>Se          | 35<br>Br | 36<br>Kr          |
| 5                  | 37<br>Rb       | 38<br>Sr        | 39<br>Y         | 40<br>Zr  | 41<br>Nb   | 42<br><b>Mo</b> | 43<br>Tc  | 44<br>Ru   | 45<br><b>Rh</b> | 46<br>Pd        | 47<br>Ag   | 48<br>Cd        | 49<br><b>In</b> | 50<br><b>Sn</b> | 51<br>Sb        | 52<br><b>Te</b>   | 53       | 54<br>Xe          |
| 6                  | 55<br>Cs       | 56<br><b>Ba</b> | 57*<br>La       | 72<br>Hf  | 73<br><b>Ta</b>  | 74<br>₩         | 75<br>Re  | 76<br><b>Os</b>  | 77<br>Ir        | 78<br>Pt        | 79<br>Au   | 80<br>Hg        | 81<br>TI        | 82<br><b>Pb</b> | 83<br><b>Bi</b> | 84<br>Po          | 86<br>At | 86<br><b>Rn</b>   |
| 7                  | 87<br>Fr       | 88<br><b>Ra</b> | 89 **<br>Ac     | 104<br>Rf | 105<br>Db  | 106<br>Sg       | 107<br>Bh | 108<br>Hs  | 109<br>Mt       | 110<br>Uun      | 111<br>Uuu | 112.<br>Uub     |                 | 114<br>Uuq      | 23              | 116<br><b>Uuh</b> |          | 118<br><b>Uuo</b> |
|                    |                |                 |                 |           |  |                 |           |  |                 |                 |            |                 |                 |                 |                 |                   |          |                   |
| *Lanthanides       |                |                 | 58<br><b>Ce</b> | 59<br>Pr  | 60<br>Nd   | 61<br><b>Pm</b> | 62<br>Sm  | 63<br>Eu   | 64<br>Gd        | 65<br><b>Tb</b> | 66<br>Dy   | 67<br><b>Ho</b> | 68<br>Er        | 69<br><b>Tm</b> | 70<br>Yb        | 71<br>Lu          |          |                   |
| **Actinides        |                | 90<br>Th        | 91<br>Pa        | 92        | 93<br>No   | 94<br>Pu        | 95<br>Am  | 96<br>Cm   | 97<br>Bk        | 98<br>Cf        | 99<br>E e  | 100<br>Em       | 101<br>Md       | 102<br>No       | 103             |                   |          |                   |

Th Pa U Np Pu Am Cm Bk Ct Es Fm Md No Lr

CALIFORNIA CONTENT STANDARDS:

- Standardized Test Prep, Chapter 5, Electrons in Atoms
- 6.1.1 Explain how elements are organized in a periodic table
- 6.1.2 Compare early and modern periodic tables
- 6.1.3 Identify three broad classes of elements

## Stamp:

Waves WB 5.3

**Copy New Vocabulary List Chapter 6** 

Copy Element List: #1

Quiz on Elements # 1 List Thursday, Friday

- Lecture: Chapter 6.1 PPT: Element Classes
- Class Work: Periodic Table: Part 1 Periodic Table Trans 16 Atoms and Molecules
- Home Work: WB 6.1 Page 160, 2-6