

# Physical Science – 1109-1120

Print these onto Avery 8161 labels or a plain page

Name \_\_\_\_\_

## Physical Science 1109 Test Tips

- ▣ Know difference: fundamental & derived units
- ▣ Know significant digits rules well and how to use them
- ▣ Know scientific notation, metric prefixes
- ▣ Prior to Pace, check PaceSuccess.com for required videos

## Physical Science 1111 Test Tips

- ▣ Watch video for Magic Triangle lesson and tip for remembering the Gas Laws
- ▣ Prior to Pace, check PaceSuccess.com for required videos

## Physical Science 1113 Test Tips

- ▣ Why are there 3 columns in subgroup VIII B?
- ▣ Memorize the list of metalloids and their symbols
- ▣ Know the characteristics of the different subgroups
- ▣ Prior to Pace, check PaceSuccess.com for required videos

## Physical Science 1115 TOUGH Test Tips

- What is ATP? How does enzyme work?
- How many amino acids, proteins are in the body?
- Know difference between coke, charcoal, carbon black, etc
- Know difference: mono- di- poly- saccharides
- What part of benzene ring reacts with other atoms?
- What is diff between saturated and unsaturated hydrocarbons?
- What is cellular respiration?

## Physical Science 1117 Test Tips

- ▣ How are the waves of loud and soft sounds different?
- ▣ Prior to Pace, check PaceSuccess.com for required videos

## Physical Science 1119 Test Tips

- ▣ Problem solving: current, resistance, EMF, etc
- ▣ What effect does connecting additional cells have on a series circuit? On a parallel circuit?
- ▣ Problem solving: step-up and step-down transformer
- ▣ Prior to Pace, check PaceSuccess.com for required videos

## Physical Science 1110 Test Tips

- ▣ Make mindmap: mixture, colloid, solutions, homogenous, heterogeneous
- ▣ Know how to complete table of protons, electrons, neutrons from atomic number and mass
- ▣ Prior to Pace, check PaceSuccess.com for required videos

## Physical Science 1112 Test Tips

- ▣ Watch video for lesson on levels, sublevels, orbitals
- ▣ Know parts of periodic table (20 points)
- ▣ Prior to Pace, check PaceSuccess.com for required videos

## Physical Science 1114 Test Tips

- ▣ Know the characteristics of the nonmetals
- ▣ Memorize the list of polyatomic ions (names and symbols)!
- ▣ Prior to Pace, check PaceSuccess.com for required videos

## Physical Science 1116 Test Tips

- ▣ Straightforward test!
- ▣ Prior to Pace, check PaceSuccess.com for required videos

## Physical Science 1118 Test Tips

- ▣ How can iron be turned into a magnet?
- ▣ Prior to Pace, check PaceSuccess.com for required videos

## Physical Science 1120 Test Tips

- ▣ What is the difference between nuclear fission and fusion? Which is more efficient to harness to produce power?
- ▣ Prior to Pace, check PaceSuccess.com for required videos