Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

You must show me this completed study guide BEFORE retaking the test.

Period\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**STUDY GUIDE** for Natural Selection/Change Over Time CHAPTER 7

Highlight, STUDY, and make any necessary notes from the following:

Directed Reading Chapter 7 assignment:

#3 and #4 ***adaptation helps an organism survive e.g. change in color***

#5

#4

***species = can interbreed***

# 6, 7, and 8 ***fossils are solidified remains***

#1

#2

***fossils on the bottom are the oldest***

#6

#9 and #10 ***Vestigial=once useful structure***

#3

#11 ***similar bones in front limbs of animals = all descendants of a common ancestor***

#15 ***Darwin naturalist—finiches--***

#7

#27-28 ***4 steps of natural selection: overproduction, genetic variation, struggle to survive*** ***and the KEY = successful reproduction***

#8, 9, 10.

#29-#30 ***variations in finches caused by mutuations***

#12

11.

#32 ***genetic variation cause differences***

#34-#38 ***different species cannot interbred***

#13

#14

#15

***speciation—can breed, but no cannot***

***separation 1st step like a stream***

Study the Natural Selection Worksheet assignment and be able to identify each of the 4 steps of Natural Selection with each scenario.