Study Guide Test 1 – to be hand written in your notebook for a daily grade and 5 bonus points!!

* Vocabulary words and definitions
* Know the different ways that new species are formed (types of speciation)
  + Allopatric
  + Sympatric
* How do scientists determine evolutionary relationships between organisms?
  + DNA
  + Fossils
  + Embryology
  + Similar structure
* What was Darwin’s conclusion about the animals on the Galapagos Islands?
  + They had changed quite a bit over time
* How does natural selection lead to evolution?
  + Adaptations allow some to survive and reproduce
* What did Darwin observe about the finches in the Galapagos Islands?
  + They had different beaks according to the food they ate.
* What is the significance of two organisms having similar DNA sequences?
  + The more similar their DNA is, the closer they are related.
* What can scientists learn about the past by studying fossils?
  + They can learn about past climates, history of animals, change over time