Assignment Sheet: Taxonomy & Genetics

I. Taxonomy
   A. Taxonomy Lecture – PPT Notes Chap 7 Part 2 Slides 1-4
   B. Worksheets
      1. Salamander Taxonomic Key (pg1-2) (10 min)
      2. Classification (page 34) (5 min)
      3. Classifying Organisms (page 35) (5 min)

II. G&L 1-100 and CHI thru James 1:4 Quiz Friday 11/22

III. Genetics
   A. Screencast Ch. 3 - Part 1 Genetics: The Science of Heredity
      Ch. 4 – Human Genetics
      (This screencast incorporates information in Chapter 3 Part 1 – The Science of Heredity & also Chapter 4 – Human Genetics. The screencast is 21:07 in length)
      B. Vocabulary: These are some of the terms we will be using during this unit
         a. Trait  g. dominant  m. homozygous  s. Ribosomal RNA
         a. Heredity  h. recessive  n. heterozygous  t. amino acids
         b. Genetics  i. Hybrid  o. codominance  u. protein synthesis
         c. Purebred  j. probability  p. meiosis
         d. Gene  k. phenotype  q. messenger RNA
   C. Worksheets
      e. Stages of Mitosis pg. 29
      f. Stages of Meiosis pg. 30
      g. Comparing Mitosis and Meiosis pg. 31
   D. Worksheets
      h. Punnett Square – 1 Trait pg. 52
      i. Punnett Square – Cats pg. 88
   D. Worksheets
      j. Blood Type pg. 53
      k. Genetics Crossword pg. 58

IV. Taxonomy/ Classification Quiz Friday 12/13

V. Lecture Exam Chapter 3 Genetics & Protein Synthesis Wednesday 10/31