**STANDARD 12, The Development of Life!**

***Independent Project Assessment 🡪 This is the MAJORSummative***

**Due Date: April 24th; letter grade off for each day it is late**

***Directions****:* ***The last standard is one in which you will read and complete the following information. This is your MAJORSummative grade and is worth 50 points. You will use your own paper & only five sheets of paper. Each page is to be titled and the information clearly labeled and numbered as indicated below. Follow directions and do your best!***

**PAGE 1:**

* **Basic Female Anatomy:**  Draw, label and give the function of the following:
  1. Ovaries
  2. Oviduct (fallopian tube)
  3. Uterus
  4. Cervix
  5. Vagina

**PAGE 2:**

* **Basic Male Anatomy:** Draw, label and give the function of the following:
  1. Testes
  2. Scrotum
  3. Epididymis
  4. Vas deferens
  5. Seminal vesicle
  6. Prostate gland
  7. Urethra
  8. Penis

**PAGE 3:**

* **Development of the Fetus** Give the function of the following:
  1. Zygote
  2. Blastocyst
  3. Implantation
  4. Embryo
  5. Placenta
  6. Umbilical cord
  7. Amniotic Sac & Fluid

**PAGE 4:**

* **Trimesters of Development** 
  1. In your own words, explain in at least three complete sentences the most important structural changes that take place in EACH of the three trimesters…. 3 x 3 = 9

**PAGE 5:**

* **AFTER BIRTH = Body Systems** Discuss the following systems (use each of the terms below)
  1. **CIRCULATORY aka CARIDOVASCULAR SYSTEM:**
     1. Diseases: Hypertension, arteriosclerosis
     2. Lifestyle & its effects on your heart: plaque, smoking, heart attack
  2. **IMMUNE SYSTEM**
     1. Active vs Passive Immunity
     2. Pathogen, Vaccines, Antibiotic Resistance
  3. **NERVOUS SYSTEM**
     1. Draw & give the function of each of the four lobes of the brain