**Biology Unit 1 Homework Sheet – Living Systems**

**Stamped Homework:**

Most nights you will have a homework assignment to read a section of the textbook.

As your read, you need to highlight and annotate your reading. Take notes in the margins of the book or on binder paper. This book will be your study resource.

Answer all of the questions that come up in your assigned reading pages on the lines/spaces provided. (They will be Predict, Analyze, Model, Apply, Explain, Infer, Annotate, Solve, Etc.)

We will be doing some of the evidence notebook questions as warmups at the beginning of most classes, you do not have to do these for homework.

Homework will be due the class period after it is assigned. The day the homework is due, you will get a stamp for completing it. Completion includes answering the questions on the lines provided and highlighting and annotating your book. On the last day of the unit, you will turn in your stamped work for a grade. Work that is correct and has a stamp will receive full credit. Work that is correct and complete but does not have a stamp will receive partial credit.

**\*Note: Projects and Labs included in the text may be completed in class unless otherwise mentioned on this worksheet.**

**Lesson 1.1 Life in the Earth System**

* Exploration 1 Systems and System Models - Pages 5-9 – **Date Due F, 9/6**
* Exploration 2 The Earth System - Pages 10 - 13 – **Date Due M, 9/9**
* Exploration 3 Interactions in Ecosystems - Pages 14 – 20 - **Date Due F, 9/13**
* Lesson Self Check: Check Points #1-10 only – Pages 23-24 – **Date Due M, 9/16**

**Lesson 1.2 Analyzing Populations**

* Exploration 1 Population Density and Dispersion – Pages 25 - 28 – **Date Due M, 9/23**
* Exploration 2 Population Growth Patterns & Exploration 3 Factors the Limit Populations – Pages 32 - 34 – **Date Due W, 9/25**
  + Pages 35-36- **Date Due F, 9/27**
* Lesson Self - Check Point Questions – Pages 41-42 – **Date Due M, 9/30**

**Lesson 1.3 Changes in Ecosystems**

* Exploration 1 Disturbances in Ecosystems - Pages 43 – 48 **Date Due W, 10/2**
* Exploration 2 Stability and Change in Ecosystems - Pages 49 – 52 **Date Due F, 10/4**
* 1. Read Pg. 54-55 \*Do not have to do the research Q’s- just read the brief article. Also,

2. Lesson Self Check- Check Point Questions – Pages 57 - 58 – **Date Due M, 10/7**

**Lesson 1.4 Environmental Engineering**

* Exploration 1 Technology and Living Systems and Exploration 2 Engineering in Life Sciences – Pages 60-70– **Date Due W, 10/9**
* Lesson Self Check- Check Point Questions – Pages 75 – 76 – **Date Due F, 10/11**

**Extra Credit Opportunity and Test Date**

**Unit Extra Credit – Date Due F, 10/11** (Make Your Own Study Guide Questions from each of the 4 sections in Unit 1- found on the “Lesson Self- Check” pages at the end of each section)

\*\*You should be doing this as you go along in the textbook and not wait until the last day- it will be a LOT

**Unit 1 Test - Date Taken F, 10/11**

**\*\*\* All of Unit 1 Homework (and the extra credit if you chose to complete it) will be due on this day (test day!) You will be turning in your homework binder/folder for a grade/credit.**