

Grade: \_\_\_\_\_ Class: \_\_\_\_\_ Name: \_\_\_\_\_

**Soph. Biology Study Guide**

**Due Date:**  
**Jan 28<sup>th</sup>**

**Mr. Haderlie - BHS**

**Unit 7 – Genetic Engineering**

Chapter 13 – Genetic Engineering  
Chapter 14 – The Human Genome  
Pgs. 319-360

**Section Assessments (50 pts)**

Answer using complete sentences.

Pg. 321; SA 13-1; 1-4

Pg. 333; SA 13-4; 1-3

Pg. 360; SA 14-3; 1-3

Pg. 326; SA 13-2; 1-4

Pg. 348; SA 14-1; 1-3

Pg. 239; SA 13-3; 1-4

Pg. 353; SA 14-2; 1-4

**Vocabulary (30 pts)**

For each vocabulary word you need to do the following:

1. Write the definition.
2. Explain in your own words what the word means.
3. Draw a simple picture depicting the idea of the word.

- Selective Breeding (pg. 319)

- Karyotype (pg. 341)

- Hybridization (pg. 319)

- Autosome (pg. 341)

- Plasmid (pg. 327)

- Pedigree (pg. 342)

- Transgenic (pg. 331)

- Sex-Linked Gene (pg. 350)

- Clone (pg. 333)

- Nondisjunction (pg. 352)

**Reviewing Concepts (20 pts)**

Answer the following multiple choice questions

Pg. 337: 1-10

Pg. 363: 1-10

**Notes (50 pts)**

Notes are a required part of this grade.

You need to include all of your notes for this section. They need to be complete and in order.

**Directions:**

- Your work must be done on your own paper.
- You need to staple all of your work together with this page on top when you turn it in.
- Please put the title of the section of questions (i.e. “Section Reviews”) on your paper so that I can more easily identify your answers.