

Genetic Links

J.Burton, Rm 503

8th Grade Science

Work in Progress

Genetics

https://drive.google.com/file/d/1_9GZpVV_aCEIq4Dweb7ouzGkPneAgRev/view?usp=sharing

Vocabulary

<https://docs.google.com/document/d/1RglmlUHHSHVq1gvnvKVbRo1Qz9XJI3obvvHXOJwsZ-c/edit?usp=sharing>

Traits and Inheritance

https://docs.google.com/document/d/1Nr1HgNv8tZgz_0HQ_oFbTO5OH2UH28dzCKdXxSipS-c/edit?usp=sharing

Cell Division

<https://docs.google.com/document/d/1RglmlUHHSHVq1gvnvKVbRo1Qz9XJI3obvvHXOJwsZ-c/edit?usp=sharing>

Predicting Allele Combinations Lab

<https://docs.google.com/document/d/15ySxZ-MAGEyCyADUxRV2nOOrKqeeIlorK1HNfMsaOD4/edit?usp=sharing>

Heredity - Mendel and His Peas

https://docs.google.com/document/d/1FFoQ1P9P6Qo5mgTXqrt4fmUo_7ldU11BSMhMQaSKEWU/edit?usp=sharing

Lab: Make the Right Call

https://docs.google.com/document/d/1ndgWKpaamQEykl1UMy zd9_VJsCApCAlojScys2h15kM/edit?usp=sharing

Identifiable Traits - Illustrations (form)

<https://docs.google.com/document/d/1SOZpw7sBUhVhZg8cETKwaIOrcScWv38KMLWWPfoRzG3o/edit?usp=sharing>

Lab: Egg Genetics

<https://drive.google.com/file/d/1EjpAUy6uFLzOrS1SWvubI1omtw8iESlx/view?usp=sharing>

Lab: Modeling Space Bug Genetics

<https://docs.google.com/document/d/1yMyJzQsQ9H2Tz9-e2BydjDio662zSHCCHM3mfdugyyg/edit?usp=sharing>

Space Bug Family Traits Lab (Punnett Square Activity)

<https://docs.google.com/document/d/1F0oK23PYSz6FaeOuAXhIhsMfTxXDs48NfyzCOVIOgXU/edit?usp=sharing>

Punnett Square Allele Toss

https://docs.google.com/document/d/1ZZVGxugo3hc_XEMDWiCRojOKmLe8xT-x1AQH9d7sixI/edit?usp=sharing

Space Bugs Genetics Lab Report

https://docs.google.com/document/d/19abj7TPysN5IZaqtfbUusowOYOOJ5k_kedktkpR0Ud4/edit?usp=sharing

Space Bug Family Traits Punnett Squares

Ratios in Mendel's Experiments

https://docs.google.com/document/d/1WCg_8uHXdIzmRC09r5lj-hmoEuT6gJIAgyCy3BL7eZo/edit?usp=sharing

Genetics and Probability Test II

https://docs.google.com/document/d/1e4phoK_CqBP0SoadOJy7wkKr2WxUt5NYaAUUpCav03a8/edit?usp=sharing

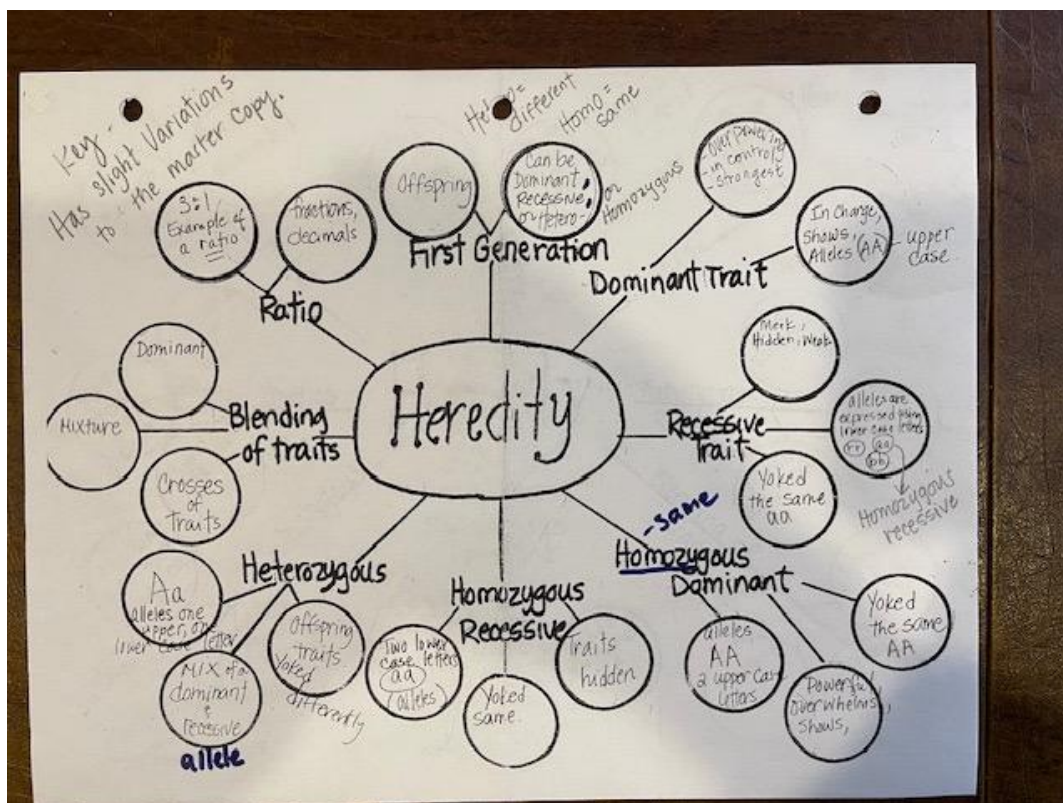
Chicken Genetics (Gizmo)

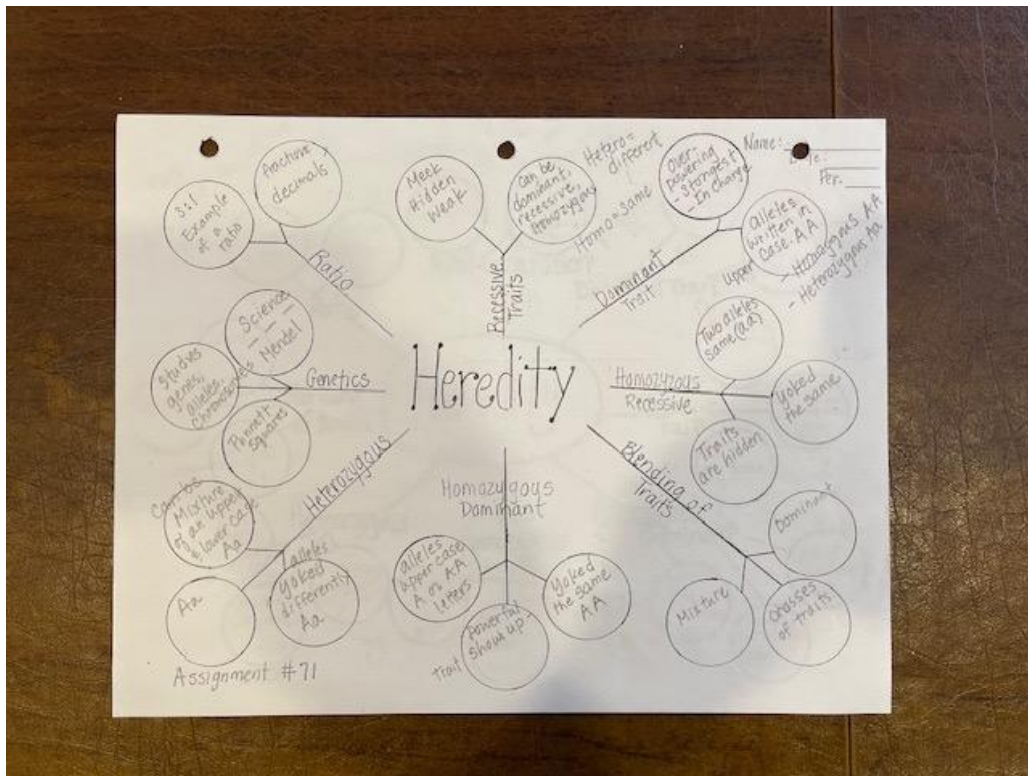
<https://docs.google.com/document/d/1SOZpw7sBUhVhZg8cETKwaIOOrScWv38KMLWWPfoRzG3o/edit?usp=sharing>

Rubric for Culminating Project

<https://docs.google.com/document/d/1PLwhgZYtgu2hV9hZyiICtrggJ0bi1vTnQ9+du0-DfF8/edit?usp=sharing>

Heredity Bubble Maps





Punnett Square Activity

Punnett Squares

- Always write the dominant allele first.
- Always write the dominant allele in upper case (capital) letter.
- Always write the recessive allele in lower case letters.

1. Father (Tt)

(Tt) Mother

2. Father (TT)

(TT) Mother

3. Father (tt)

(TT) Mother

4. Father (tt)

(tt) Mother

5. Father (TT)

(tt) Mother

6. Father (Tt)

(TT) Mother

7. Father (AA)

(Aa) Mother

8. Father (Aa)

(Aa) Mother

Punnett Squares

- Always write the dominant allele first.
- Always write the dominant allele in upper case (capital) letter.
- Always write the recessive allele in lower case letters.

1. Father

Mother

2. Father

Mother

3. Father

Mother

4. Father

Mother

5. Father

Mother

6. Father

Mother

7. Father

Mother

8. Father

Mother
