A TRAIT ACCOMPLI—Research Assignment & Slideshow Presentation

NOTE: You must work with a different partner from the person you worked with on the "A Trait Accompli Lab." New clock partners will be assigned. As partners, you will make one slideshow presentation of your results. Once you have your partners, wait for the teacher to assign you a research topic.

Materials

- Template for slideshow
- Internet access
- Chromebook/laptop/computer

GROUPS

Group 1 – Homologous Chromosome(s) vs. Locus Group 2 – Sex Chromosomes vs. Autosomes

Group 4 – Homozygous vs. Heterozygous

Group 3 – Gene vs. Allele Group 5 - Dominant vs. Recessive

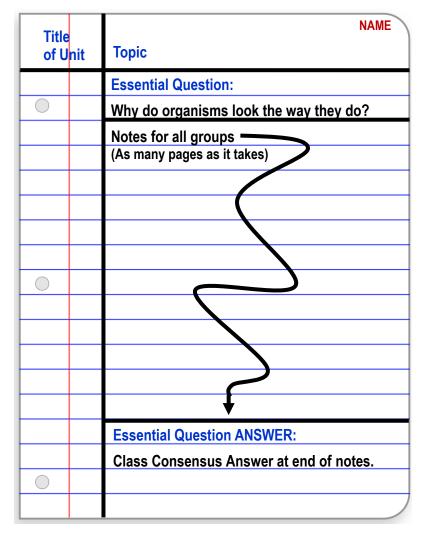
Group 6 - Genotype vs. Phenotype

SLIDESHOW DIRECTIONS

- 1. Student groups will go online and research their assigned topic(s).
- 2. Using the slide template instructions below, students will research their topic and create a slideshow using that information and the guide below.
- 3. Students will present their slideshows to the class as if they were the teacher, so make sure to understand your research topic well!
- 4. Students not presenting will take notes in their notebooks as each group presents.

NOTES/NOTE BOOK DIRECTIONS

Can look something like this:



ON THE SLIDESHOW:

SLIDE 1



NAMES OF STUDENT(S)

SLIDE 2

TERM 1 VS. TERM 2

Term 1 + Explanation

Term 2 + Explanation

*Make sure that you have explained each term

*Make sure that you compare/contrast the 2 terms (Use a 2nd slide for this part if needed)

SLIDE 3

TERM 1 VS. TERM 2 EXAMPLES

Using the traits from the lab "A Trait Accompli"... connect any (or all) of the 13 traits to the 2 terms you are researching.

Explain how your 2 terms can be demonstrated/explained using the

SLIDE 4

ANSWER TO THE ESSENTIAL QUESTION

"Why do organisms look the way they do?"

Explain how organisms look the way they do by using $\underline{\textit{your 2 terms}}$ to answer the question.

You may also incorporate old answers you have given on previous attempts to make a better, more complete answer to the question.