

Heredity

<input type="checkbox"/> <i>Genes and Chromosomes</i> <hr/> Create a skit or play about the different types of mutations that occur and how they impact genes and chromosomes.	<input type="checkbox"/> <i>Dominant and Recessive Traits</i> <hr/> Research dominant and recessive traits that humans can display and choose at least 10 traits that interest you. Choose two friends to “cross” and predict what traits their offspring would exhibit. Share your results with the class.	<input type="checkbox"/> <i>Changes in Traits</i> <hr/> Dog breeders engage in selective breeding in order to improve certain dog breeds. Create a brochure that explains this practice and why it is used.
<input type="checkbox"/> <i>Changes in Traits</i> <hr/> Farmers and scientists have been working together to develop genetically modified (GM) foods. Create a news report that explains how this is done and shares your view on the creation and use of these “GM” foods.	<div style="border: 1px solid gray; padding: 10px; width: 80%; margin: 0 auto;"> <input type="checkbox"/> <i>Free Choice: Genes and Chromosomes</i> (Fill out your proposal form before beginning the free choice!) </div>	<input type="checkbox"/> <i>Dominant and Recessive Traits</i> <hr/> Using photos from magazines or photo clipart, create a scrapbook that could represent three generations of a family. Track and share the dominant and recessive traits in each generation on each page.
<input type="checkbox"/> <i>Dominant and Recessive Traits</i> <hr/> Create a bulletin board display that shows various dominant and recessive traits in a species that was not discussed in class. Include a cross between two of the species that shows how dominant and recessive traits are passed on to offspring.	<input type="checkbox"/> <i>Changes in Traits</i> <hr/> Cloning has been a genetic reality since 1952 and various organisms have been cloned. Create a PowerPoint presentation on these organisms that addresses how organisms are cloned, the ethical issues behind cloning, and whether you support cloning.	<input type="checkbox"/> <i>Genes and Chromosomes</i> <hr/> Create a board game that tests your classmates’ knowledge of genes, chromosomes, and the mutations that can impact them.

Check the boxes you plan to complete. They should form a tic-tac-toe across or down.
 All products are due by: _____.