

Selective Breeding

Name: _____ Period: _____

1. Explain the procedures needed to selectively create a dog you wanted.
2. Can you think of some possible dangers of selective breeding?
3. What is cross-pollination? Does it represent sexual or asexual reproduction? Why does the plant benefit from this more than self-pollination?
4. What is hybridization? Why would you want to create a self-pollinating plant?
5. List 7 potential benefits to humans of selectively breeding crops.
6. List 3 potential benefits to the environment of selectively breeding plants.
7. Ms. Raymond writes about the benefits of producing crops which are resistant to weed-killers. Many agricultural crops have been documented to cross-pollinate with wild plants. What could be a danger to the environment of crops which are resistant to weed-killers?
8. How do you think Mendel influenced the practices of selective breeding?
9. On a sheet of unlined paper, create a political cartoon representing one of the ideas in the three articles you just read. The cartoon should be neat and colored. In the space below write a short paragraph (5-6 sentences) explaining your cartoon.