



Pre Lab:

1. In your own words, describe what DNA is.
2. What is a mutation? Do you think mutations are good or bad?
3. Why would scientists conduct studies on animals such as mice, instead of humans?

During Lab:

Record your observations of wild type and mutant fruit flies on the observation sheet provided.

Post Lab:

1. Describe a mutation you observed that might be beneficial to a fly, and why.
2. Describe a mutation you observed that might be harmful to a fly, and why.
3. Why do think most wild type fruit flies have brown bodies and teardrop shaped wings?
4. Explain how the breeding of animals for certain traits is an example of selection; but not by nature, by humans.