

Do Now: The diagram below shows an experiment that was performed a couple of decades ago. A group of fruit flies were divided in half, and kept in separate enclosures. One group, called “starch flies”, were given only starch as a food source. The other group were given only maltose (sugar) are called “maltose flies”. The two groups were separated for many generations. When they were brought back together, 35 generations later, the starch flies preferred to mate with other starch flies, and the maltose flies preferred mating with other maltose flies. This experiment has been repeated many times, with the same results. **Generate as many questions as you can based upon this experiment.**

