**Fold the paper in half and quiz yourself with the “catch phrases”**

“Usually harmless environmental substance” Allergic reaction

“Weakened version of the pathogen” Vaccine

“Choosing desirable traits” Selective breeding

“Inserting a gene” Genetic engineering

“State one benefit to humans” Money, jobs

“Influenced by the environment” Gene expression

“DNA fragments according to size” Gel electrophoresis

“Separate pigments” Paper chromatography

“Organic, energy-rich molecule/product” Glucose

“Cloning, asexual reproduction, identical offspring” Mitosis

“Maximum number that can be supported” Carrying capacity

“Engulf or flag pathogens” White blood cells

“Storage of information” Nucleus

“Removal of waste” Cell membrane

“Codes for a protein/enzyme” Gene

“Energy to transport materials” ATP

“Interferes with normal life functions” Pathogens/Virus

“Loss of homeostasis” Disease/sickness/death

“Increases chances of survival” Genetic Variation

“Discoveries in medicine and agriculture” Biodiversity

“Formation of gametes” Meiosis

“Increased carbon dioxide” GLOBAL WARMING

“**Maintain** high concentration” Active transport

“Evidence for evolution” Fossil record

“Allows a cell to perform life functions” Organelles

“Released energy from nutrients” Mitochondria

“Female hormone” Estrogen/Progesterone

“Male hormone” Testosterone