



Name \_\_\_\_\_

Notes Sheet: What is Genetic Engineering?

1. DNA extraction and gene cloning. Where does the new DNA come from? How is it removed from the source organism? How is it prepared for use?
2. Gene Design--How do scientists make this gene ready to insert into another organism
3. Gene Insertion—How is the gene transferred into the new plant? What are the problems along the way?
4. Backcross Breeding—How is the plant made into a viable and growing organism?