

Genetic
Engineering

Selective
Breeding

Inbreeding

Gene
Splicing

Genetically
Engineered
Organs

Genetic
Screening

Gene
Therapy

Hybridization

Cloning

Genetically
Modified Food

Transgenic
Organisms

Stem Cell
Therapy

Genetic Engineering Vocab

Directions: Cut out the diagram on this page. Fold each door/flap along the dashed line and glue the "Genetic engineering vocab" tab into your INB or over the lined template. Underneath each door/flap define these terms.

Glue Genetic Engineering VOCAB Here

Directions: Cut out the diagram on this page and glue it into your INB. Glue “Genetic Engineering VOCAB” on top and use as a template for neatly writing your vocabulary definitions.

Glue Genetic Engineering VOCAB Here

To alter the DNA of an organism in order to get the traits that are desired

We select two organisms with desired traits to serve as parents of the next generation.

When two organisms that have very similar or the same characteristics are mated resulting in the prevalence of genetic disorders.

Bringing together genetic material from multiple organisms, creating a new sequence that would not be found in any of the original organisms

Using a patient's stem cells to create a lab grown organ for transplant

Testing that identifies changes in chromosomes, genes, or proteins to rule out genetic disease and determine likelihood of developing a genetic disorder.

Adding or deleting segments of genes to correct or get rid of genetic disorders

The crossing of two genetically different organisms resulting in an organism that is said to have the best traits from both parents.

A new organism is made that has the exact same genes as the organism from which it was produced, creating an exact copy of the organism from which it came.

Engineering food to make crops that can grow in poor soil conditions, resist disease, tolerate drought, repel insects, etc.

Creating an organism that will exhibit a new trait that can be passed to its offspring.

Use of stem cells to treat or prevent a disease or condition by transplanting bone marrow or umbilical cord blood.

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