

biotechnology

any techniques that uses living organisms to make products

Bt cotton

a cotton crop that has been genetically modified using bacterial genes so that it contains its own pesticide

cross-breeding

breeding two genetically different individuals to produce offspring

embryos

the developing young of an animal or plant

gene therapy

use of genetic engineering in the treatment of a genetic disorder or chronic disease

genetically modify	remove or add a desired gene from the DNA of an organism, using enzymes
genetic engineering	genetic modification of living organisms by a series of procedures including cutting a desired gene out of donor DNA using enzymes, cloning it in a micro-organism and transferring it to an organism
hybrid	the offspring from the cross-breeding of two distinct races, breeds, varieties, species or genera
hybrid vigour	superior qualities such as health, yield, and fertility, arising from the cross-breeding of genetically different plants or animals
reproductive cloning	creating a genetically identical, fully developed whole organism, using the nucleus of a cell from another mature organism

reproductive
technology

technology which brings
about reproduction or
increases the breeding
success of the individuals

selective breeding

a method used to breed chosen
pairs of organisms in order to
produce offspring with
particular desirable
characteristics

therapeutic cloning

using cells from an individual
to produce a cloned early
embryo, which is then used as
a source of embryonic stem
cells

transgenic

the transfer of genes to other
species or the technology for
creating organisms with
genes from other species