

1. **biotechnology** any techniques that uses living organisms to make products
2. **Bt cotton** a cotton crop that has been genetically modified using bacterial genes so that it contains its own pesticide
3. **cross-breeding** breeding two genetically different individuals to produce offspring
4. **embryos** the developing young of an animal or plant
5. **gene therapy** use of genetic engineering in the treatment of a genetic disorder or chronic disease
6. **genetically modify** remove or add a desired gene from the DNA of an organism, using enzymes
7. **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
8. **hybrid** the offspring from the cross-breeding of two distinct races, breeds, varieties, species or genera
9. **hybrid vigour** superior qualities such as health, yield, and fertility, arising from the cross-breeding of genetically different plants or animals
10. **reproductive cloning** creating a genetically identical, fully developed whole organism, using the nucleus of a cell from another mature organism
11. **reproductive technology** technology which brings about reproduction or increases the breeding success of the individuals
12. **selective breeding** a method used to breed chosen pairs of organisms in order to produce offspring with particular desirable characteristics
13. **therapeutic cloning** using cells from an individual to produce a cloned early embryo, which is then used as a source of embryonic stem cells
14. **transgenic** the transfer of genes to other species or the technology for creating organisms with genes from other species