

DNA Technology Review

Match the DNA technology with its correct definition

	1. Genome	A. Cell that can continuously divide and differentiate (specialize) into various tissues
	2. Genetic engineering	B. All the genetic material of an organism
	3. Cloning	C. Samples of DNA that have been cut, sorted, and tagged to produce a banding pattern for analysis
	4. Stem cells	D. DNA that has been recombined by genetic engineering
	5. Recombinant DNA	E. Copying sections of DNA in large amounts in the lab
	6. Genetically Modified Organisms (GMO)	F. Deliberate alteration of the genetic makeup of an organism – transferring genes from one organism to another
	7. Bioremediation	G. Inserting functional “replacement” genes into a person’s cells by using a genetically engineered virus – used to cure genetic disorders
	8. Gene therapy	H. Form of asexual reproduction that isolates the nucleus of one cell and inserts it into an empty egg cell
	9. Gel Electrophoresis	I. Organisms with recombinant genes
	10. DNA fingerprinting	J. Using genetically altered microbes for environmental cleanup
	11. Polymerase Chain Reaction	K. Process by which an electric current moves fragments of DNA, that were cut with an enzyme, through a semisolid gel to separate the fragment