I have  **Who has** A pentose sugar, a Phosphate and a nitrogenous base	**I have** A nucleotide **Who has** A stop or terminator codon	**I have** UGA, UAA, UAG **Who has** Non coding sequences within a gene	**I have** Intron **Who has** The monomer units of proteins	**I have** Amino acids **Who has** Genetic code redundancy or degeneracy
I have More than one codon coding for the same amino acid **Who has** The promoter, operator and structural genes in a bacteria	**I have** Operon **Who has** Copying a gene to make a protein	**I have** Transcription **Who has** Three consecutive bases on DNA	**I have** Triplet **Who has** Three consecutive bases on mRNA	**I have** Codon **Who has** The bond that links amino acids
I have Peptide **Who has** The organelles where protein synthesis takes place	**I have** Ribosomes **Who has** The globular proteins, around which, DNA is coiled in chromosomes	**I have** histones **Who has** The charge on a DNA molecule	**I have** negative **Who has** The strand of DNA that RNA transcribes	**I have** template **Who has** The proteins and RNA polymerase that begin transcription
I have Transcription initiation complex **Who has** A change in the DNA base sequence that is not repaired	**I have** Mutation **Who has** An addition, deletion, inversion or substitution mutation	**I have** Gene mutation **Who has** The inherited disease where A is substituted for T in haemoglobin	**I have** Sickle cell anaemia **Who has** The start codon and its amino acid	**I have** AUG, Methionine **Who has** The effect produced by the insertion or deletion of bases in DNA
I have Frame shift **Who has** The 3 sites of translation within a ribosome	**I have** P, A, E **Who has** The syndrome resulting from trisomy 21	**I have** Down's Syndrome **Who has** The synthesis of DNA from mRNA	**I have** Reverse transcription **Who has** Histone protein and associated DNA	**I have** Nucleosome **Who has**