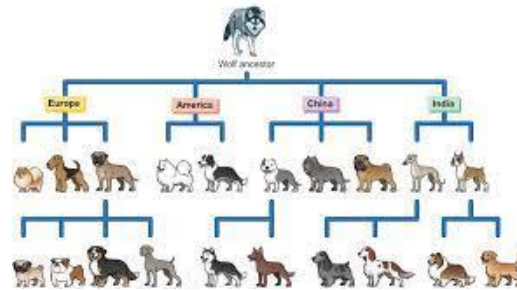
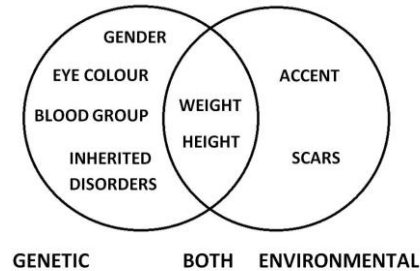


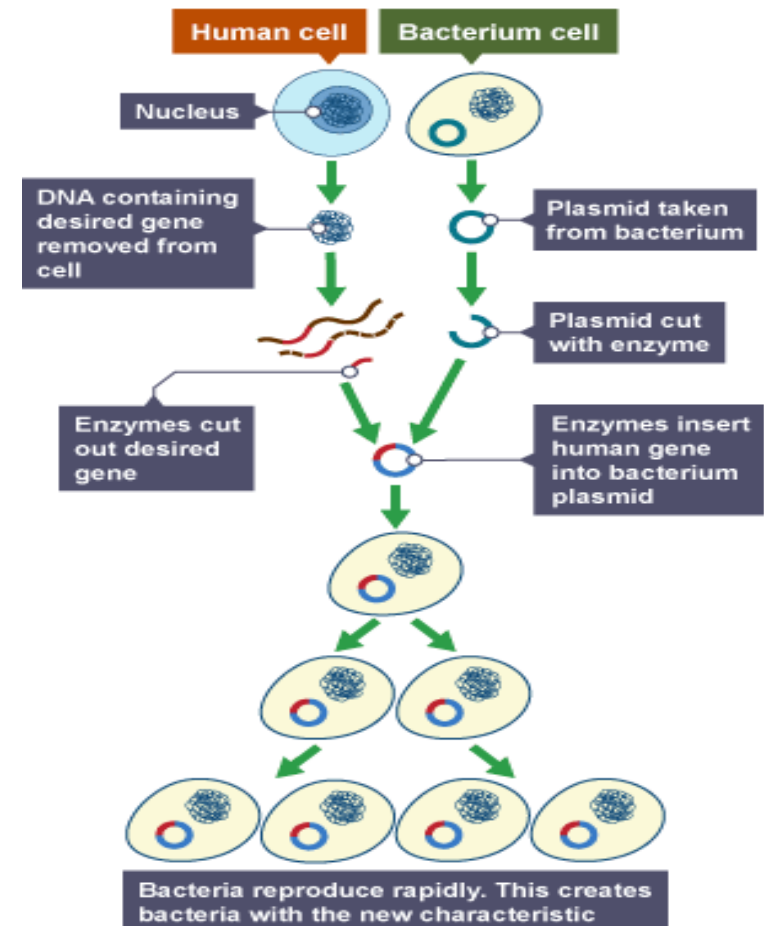
# Biology 14: Variation and Evolution

1. Variation	
<b>Variation</b>	Changes within a population. Caused by mutation
<b>Genetic variation</b>	Changes due to inheriting different alleles of genes
<b>Environmental variation</b>	Changes due to the effect the environment has



## 3. Genetic engineering

<b>Genetic engineering</b>	The process of changing the genome by adding a desirable gene from another organism
<b>GM crops</b>	Genetically modified crops that are resistant to disease or grow bigger crops. Controversial to some



## 2. Selective breeding

<b>Selective breeding</b>	The ancient practice of artificially selecting animals and plants to breed together to create certain characteristics
<b>Inbreeding</b>	The consequence of too much selective breeding. Can lead to disease or defects
<b>Outcomes of selective breeding</b>	<ul style="list-style-type: none"> <li>• Disease resistance in crops</li> <li>• Increased meat and milk production</li> <li>• Domestication of pets</li> <li>• Large unusual flowers</li> </ul>