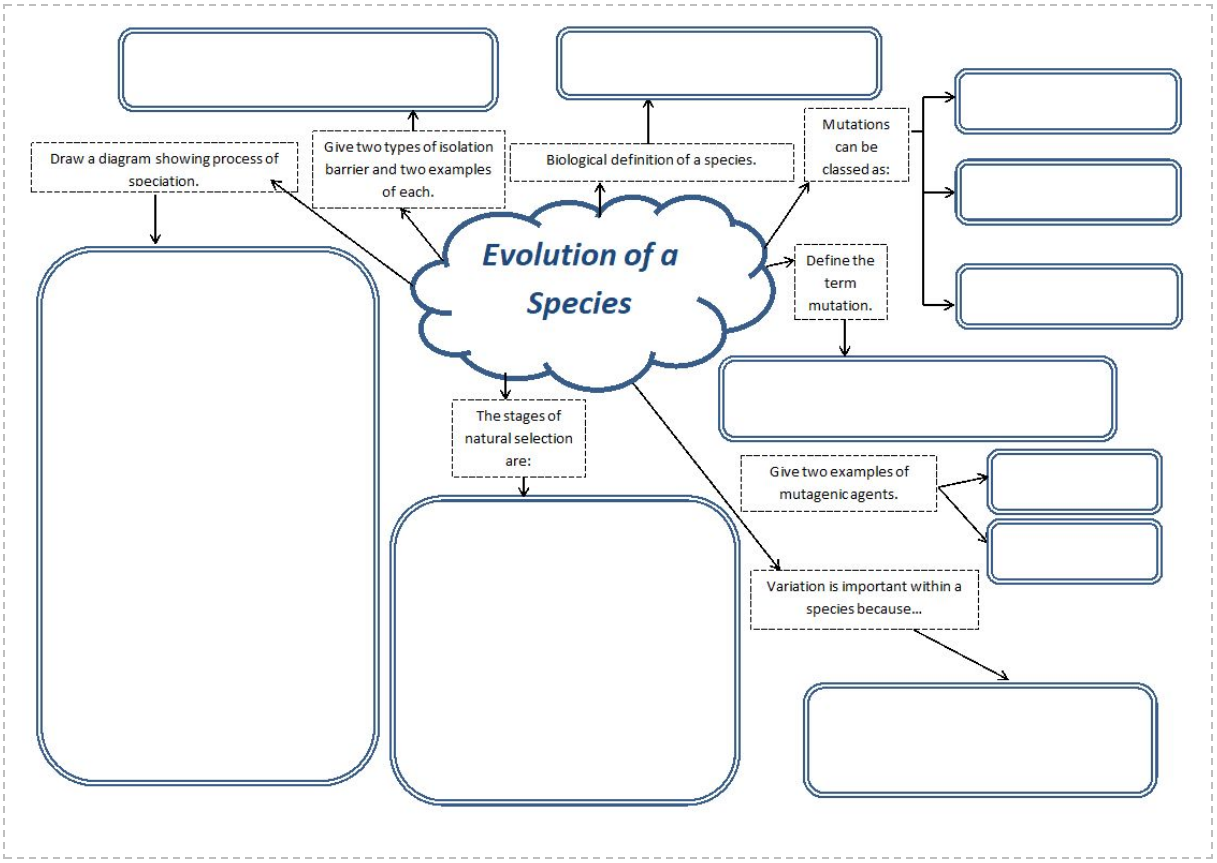
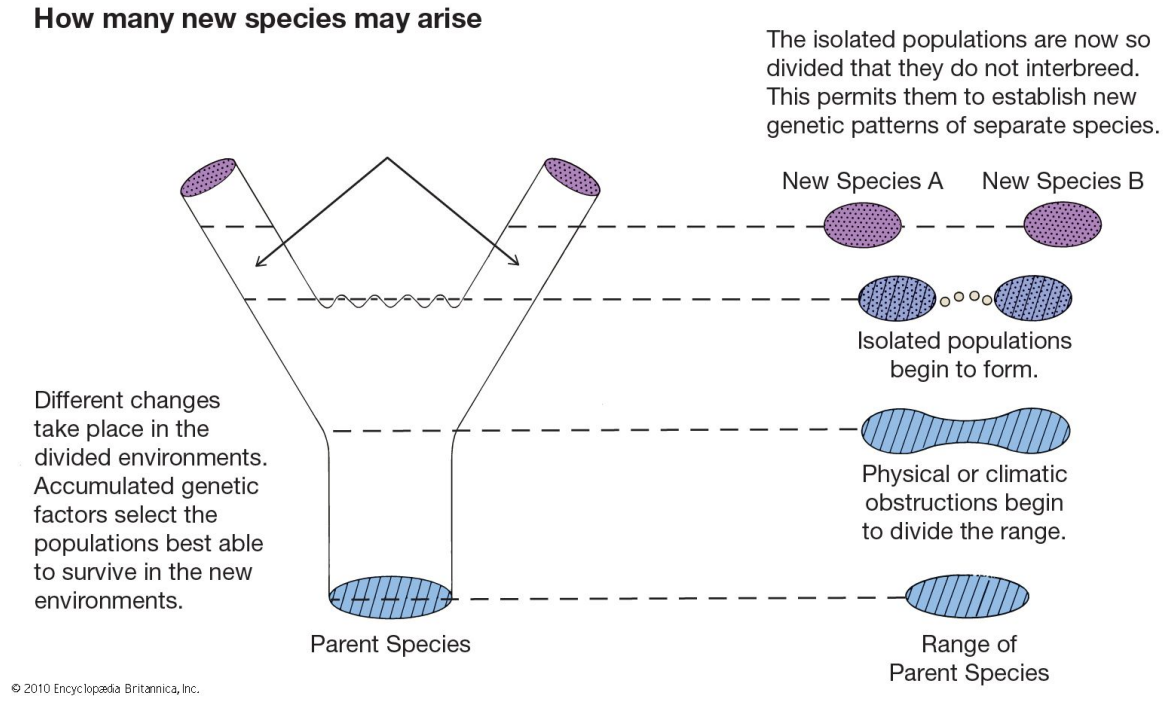


Two types of isolation: ecological - pH, Physical - a hill
Species: Species is different groups of organisms that cannot interbreed to produce fertile off spring
Mutations can be classed as: Genetic, Physical, Ecological
Mutation: Mutation is the change in something that is an error when DNA is being duplicated
Mutagenic agents: Gamma rays and chemicals
Variation importance: It creates less competition
Stages of natural selection: Variation, inheritance, selection, time and adaptation

Speciation:



Credit: https://www.britannica.com/science/speciation