

Advantages: creates diversity amongst offspring, keeps the survival of a particular species, establish a bond between two individuals

Disadvantages: need to find a male to reproduce with and slow process, the offspring may not always survive, the DNA from 2 people is different, there is a chance of mutations

Self-fertilization: pollination of an ovule in a flower with pollen of the same flower

Cross-fertilization: pollination of an ovule in a flower with pollen of a different flower

Parts of a Flower:

petal: leaves that surround reproductive parts of flowers

sepal: enclosed developing bud, outer parts of a flower

pistil: ovule producing part of a flower

stigma: pollen germinates

style: connects stigma and ovary

ovary: ovules are produced

stamen: pollen producing part of a flower

anther: where pollen is produced

stem: keeps leaves in the light and provide a place for the plant to keep its flowers and/or fruits

Speciation: Differences in characteristics of organisms caused by genetic and environmental factors.

Continuous Traits - Traits that show a wide range possibilities.