Asexual vs Sexual

Friday, 8 April 2022 12:50 pm

* Defination

Asochal reproduction is the production of jourtically identical offspring from | purrent

L) hence no fusion of gametes

one from nule, are from female Sexual reproduction

involves tussion of 2 gametes to form zygote

L> this makes offspring different

Asexwal

Sexua/

no twision or yametes

tuse male and temple gametes

only I parent

to form zygote 2 parents required

more variation ->

Same DNA

genetically ditterent -

better adapted to changes in environment

Laster than sexual

slower method

need to pollinate/ cury by wind

Structure of flower

Friday, 8 April 2022 1:14 pm

Consist of petals, sepal, stamen and carpel Petals

Brightly coloured in insect pollinated plants

gives insect a place to land on

may also have nectur guides to lead the insect to the base of the Honer where nectur is stored

Sepals

usually green in colon

leat like structure

function; protect flower during bud stayed

before Hower mature/bloom

stamen (male pars)

Consist of anther + filament pollen grains produces (male gametes)

in wind pollinuted flowers sturner is pendulows with long filement and hang downward

corpel/pistil (temale part)

consist of ovary, voying and a stigma

overy not ounles (inside has egy cell (the female gumete))

owe will develop into spet and every develop into finit after tertilization style holds the sligmu upright

stigma receips the pollen grain during pollination

() it is hairy it it is wint pollinuted to cortch paller grain





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Self vs Cross pollination

Friday, 8 April 2022 1:56 pm

Self pollination

transfer of pollen grain from the anthor to some plant

cross polination

trunsfer at pollen grain from the cramen to

