

Yadav's

EVOLUTION

Notes

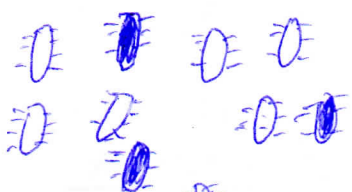
OF Resistance

Any of These

Pesticides / Bugs ^{Insects}
 Antibiotics / Bacteria
 Herbicides / Weeds
 ↓ "stuff" ↓ "ORGANISMS"

Start Here

① A population of organisms exists



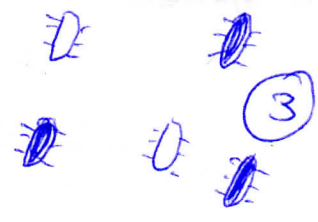
SOME of the population is resistant to "stuff". These individuals were ~~born~~ born that way. This is an example of VARIATION in a population

② People use "stuff" to kill ORGANISMS

How to Kill More organisms?

Make stronger "stuff"

Find a predator to introduce Genetically engineered "something"



③ Some of the organisms die the resistant ones do Not

④ ORGANISMS REPRODUCE

Resistant organisms pass the gene for resistance to the next generation



⑤ More of the population is resistant

⑥ People keep using "stuff" to kill organisms



⑦ The population of organisms is now all resistant to "stuff"

⑧ "stuff" No longer kills the organisms