Complete in PRESENT MODE! Click HERE f	or i	your notes	presentation.
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_selection_proce	ess where trait	ts are selected	d for (survi	ive) or again	st (die) result	ing in these
traits becoming	more	or _less	a	abundant in	a species popi	ılation.
artificial_sele	ction: (also	known as _se	elective bre	eeding_) is t	he process by	which
humans	breed (_select) certain	ı organisms i	n order to pro	duce
desiriable trai	ts in the offsp	oring. (_decre	eases genet	tic diversity_)	

Animal Examples:







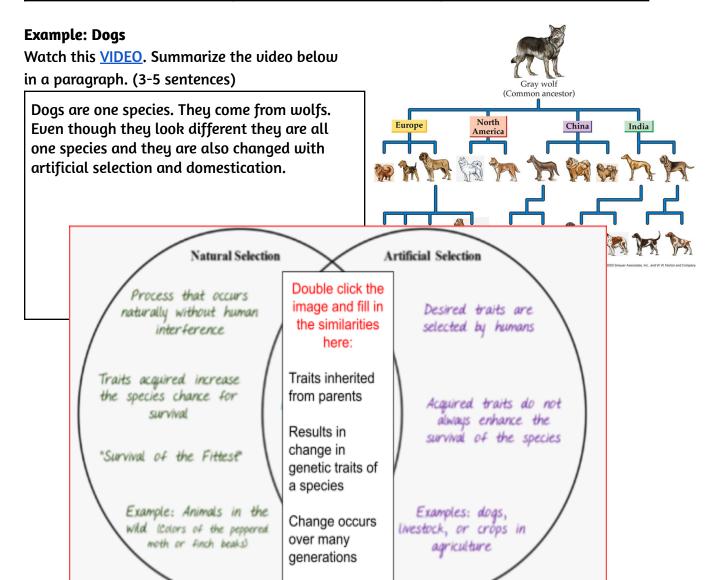
What traits were selected for these three animals?

Cow	Chicken	Horse
Legs	Legs	Legs
Produce offspring	Produce offspring	Produce offspring

Example: Cows

What traits were selected for these three animals?

Holstein	European Oxen	Texas Longhorn
Black spots	Short horns	Long horns

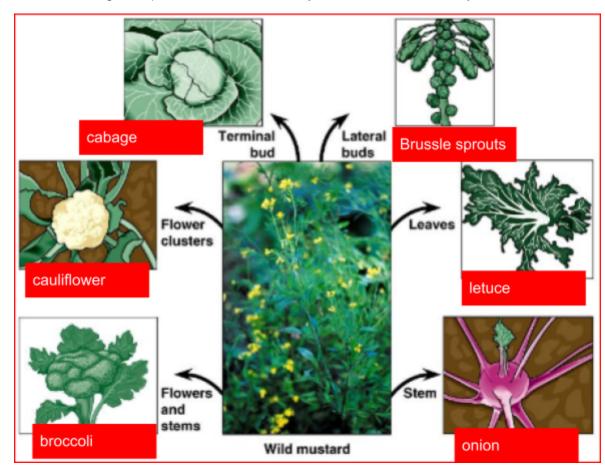


Plant Examples:

Example: Wild Mustard

What plants were selectively bred from the wild mustard plant? Double click the picture

below and complete the **red** blanks.



Example: Bananas

What traits

were selected for this plant?

Slight curve yellow outer layer

Example: Wheat

What traits were selected for this plant?

Long stems with fuzz at the top

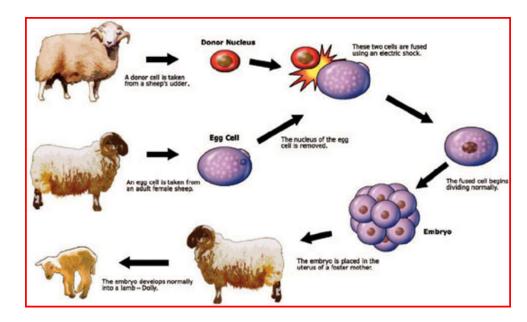
Example: Corn

What traits were selected for this plant?

Yellow

_inbreeding: production of offspring from mating/breeding parents that are genetically closely related.				
Watch this <u>VIDEO</u> . Summarize the video below in a paragraph. (3-5 sentences)				
Selective breeding is a process where humans make 2 things reproduce a new thing. Humans have done it for a long time. We used these to make more food. This made a larger population.				
crossbreeding: production of offspring from mating/breeding parents frommating/breeding parents from 2 different genetic lines (called _purebreds) to get specific traits from one or both breeds.				
hybridization: hybrids are produced from the mating of _geneticaly different parents.				
Examples of hybrids: 1liger 2mule 3dolly the sheep				
_ ·				

__cloning_____: refers
to the process of creating
clones (copies) of
organisms that have
__exactly_____ the
same __genes____
as the organisms from
which they are produced.



line breeding: is a type of inbreeding where of mating/breeding with _closely related		
outcrossing: production of offspring from par closely genetically related. (increases genetic divers		
Inducing Mutations: since mutations are an ultimate sour_diversity, sometimes breeders will induce mu_increase diversity in a population.	•	
Watch this <u>VIDEO</u> . Summarize the video below in a parag	graph. (3-5 sentences)	
Selective breeding is evolution by human selection. It is traits. The result of 2 animals is cross breed.	to breed animals to have certain	
Genetic Engineering:genes from one organism aretransfered into the	Glofish- Glow in the Dark fish have been inserted with a bioluminescent gene.	
dna of another organism. (Includes gene	Six brilliant colors. Three species of tropical fish.	
therapy.)	Starfire Red®	
	Cosmic Blue®	
	Electric Green® Danio Tefra Barb Long-Fin Tetra	
	Sunburst Orange® Danio Tetra Long-Fin Tetra	
	Galactic Purple® Danio Taya	
	Moonrise Pink®	