

Summary Table - Longevity

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Phenomenon: 102 Animal Lifespans

Guiding question: **What causes animals to have different lifespans?**

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[Initial Model](#)

[Final Model](#)



Supporting phenomenon	Link to work	What we did	What we figured out	How does this connect to animal lifespans ?
Longevity Cards	Link	Used animal information cards, we looked at longevity data for all animals. We also were able to compare information from each animal and look for patterns and differences in each animal.	Aquatic animals live the longest on average out of the animals in our group.	We feel this connects with the animal lifespan based on the environment and possible temperatures.
Lifespan Oddballs	Link	We used data provided with the animal's body size and life span.	We figured out that temperature possibly makes a difference in lifespan.	The way we feel that this connects is by the temperature/environment can make a difference in the animals lifespan.
Cycles and Gifts	Link	What we did is look at data provided in Parenting Style vs. Max Lifespan. We were able to find information on how each animal parenting style is and how it can possibly affect the lifespan of their babies.	We figured out that nurturing parents have babies that have a longer lifespan.	
French Bulldogs	Link	What we did was look at all the personalities, length and height. After that we then looked at the picture of each dog and compared traits that looked similar on all dogs. (from a students point of view)	We figured out that when a student looks at pictures they look at physical traits. When an adult/teacher does it is more of the information provided that is looked at.	

Leg Regeneration	Link	What we did was as a group discussed and talked about the information that has been given to us about what causes limbs to grow back on certain animals.	We were able to figure out that cells will rebuild bones and tissue that was cut off.	
Supertasters	Link	What we were able to do is taste 4 different strips with different types of taste. We were able to figure out the different tastes that we each had and the similar tastes as well.	We were able to figure out that genetics cause the difference in how someone can taste something different from another person.	
Opossum and Bigmouths	Link	As a team we were able to compare the information we collected on Opossums and compare it to another team findings on a Buffalo Big Mouth.	We were able to figure out that both were opposite of each other when it came to lifespan, and how they age.	

Create a causal model that answers the following question
What causes animals to have different lifespans?



Initial Model

What causes animals to have different lifespans?

Final Model

⑥ What causes animals to have different Lifespans?

Causes

Genetics → heart rate → variation → inbreeding → purpose
Environment → temperature → pollution → wild → captive → suitable
Diet
Luck

Effects

Different lifespans

102 Vertebrates - [Back to summary table](#)

Show your work below (i.e. text, model images, questions, data etc.)

Lifespan Oddballs - [Back to summary table](#)

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Cycles and Gifts - [Back to summary table](#)

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French Bulldogs - [Back to summary table](#)

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Leg Regeneration - [Back to summary table](#)

Show your work (i.e. text, model images, questions, data etc.)

Supertasters

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Opossum and Bigmouths - [Back to summary table](#)

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