

ADAPT OR DIE!

♪ Staying Alive...♪

Big Idea: What is biodiversity and why is this important?

Big Idea: Why are adaptations necessary for life to survive?



Through our **ADAPT OR DIE** inquiry, we will better understand that:

Biodiversity is important for healthy ecosystems

Different species have **adapted** in a variety of ways to **survive & thrive** in their environment

Organisms **interact with** other organisms

My questions & wonders:



KEY WORDS	
Biodiversity Organism Species Population Kingdoms Ecosystem	Adaptation Symbiosis Camouflage Migration Hibernation Environment

D	R	M	KNOW
			I can list & describe the 5 Kingdoms
			I can list & describe the characteristics of life
			I can list & describe the levels of biodiversity
			I can distinguish between structural & behavioural adaptations
			I can define: <i>symbiosis, migration, hibernation, camouflage, and defense mechanism.</i>
D	R	M	DO
			I can give examples of the following adaptations: <i>symbiosis, migration, hibernation, camouflage and defense mechanism.</i>
			I can explain how specific adaptations allow a species to better survive in their environment.
			I can explain why biodiversity makes an ecosystem more resilient.
			I can explain how diversity within a population makes a species more resilient



“Animals, whom we have made our slaves, we do not like to consider our equal.”

~ **Charles Darwin**

“Intelligence is the ability to adapt to change.”

~ **Stephen Hawking**

Butterfly or owl? What do you think? ☺



S. Wiebe & J. Martens 2015