**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?

nonmythical.jpgThrough 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** otherorganisms

**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: *symbiosis, migration, hibernation, camoflague,* and *defense mechanism.* |
| D | R | M | **DO** |
|  |  |  | I can give examples of the following adaptations: *symbiosis, camoflauge, migration, hibernation, and defense mechanism.* |
|  |  |  | 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 |

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*“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? ☺**