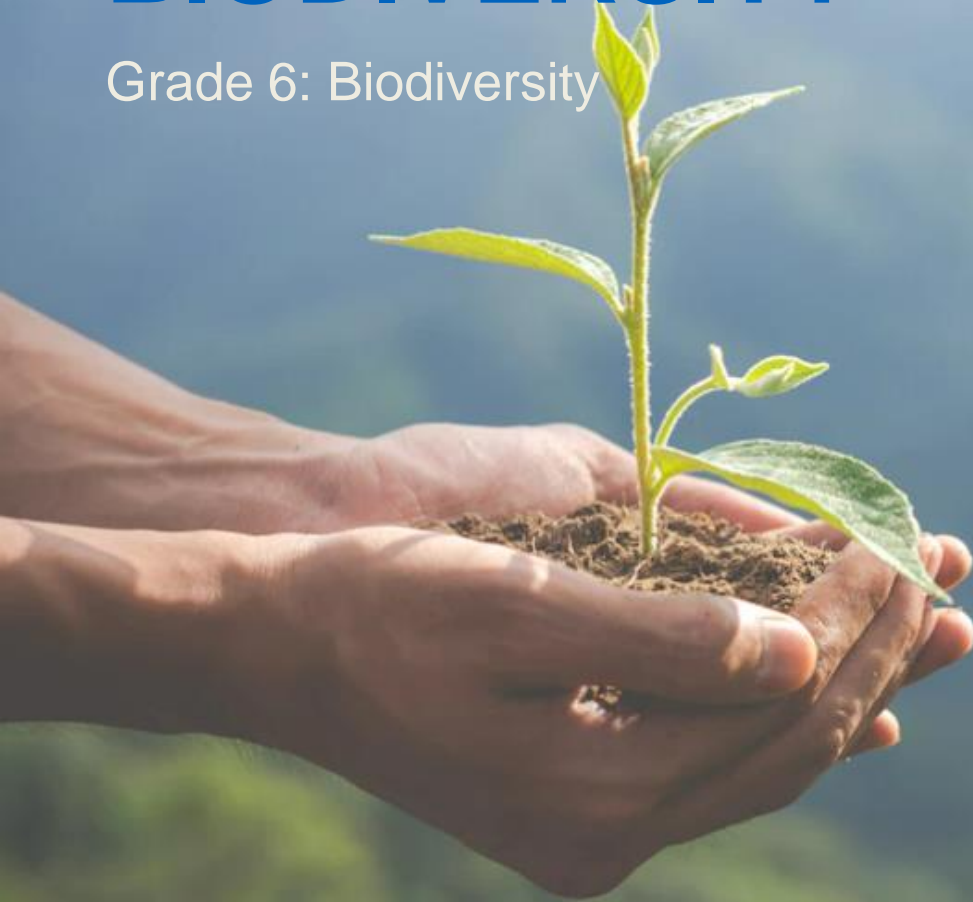


CLIMATE CHANGE & BIODIVERSITY

Grade 6: Biodiversity



Biodiversity

The enormous variety of life found on Earth



Animals



Plants



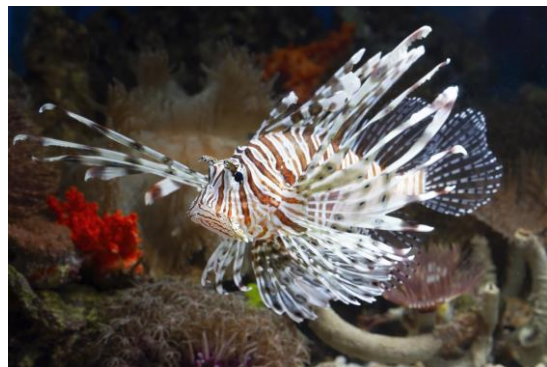
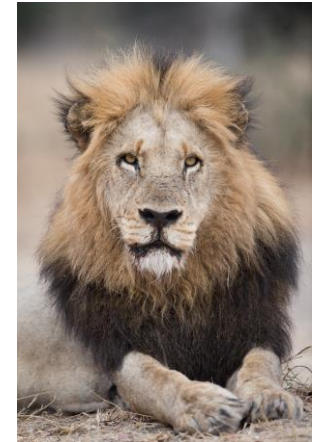
Fungi



Microorganisms

Types of Biodiversity

- Species Diversity



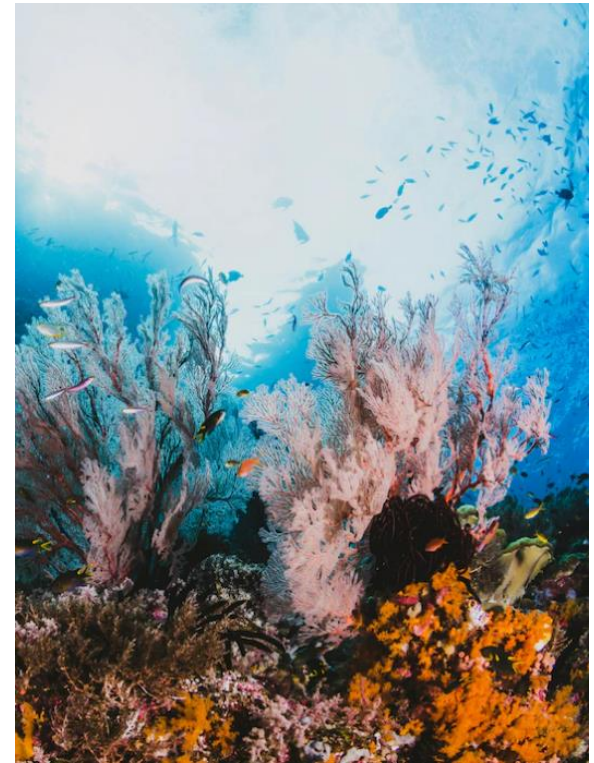
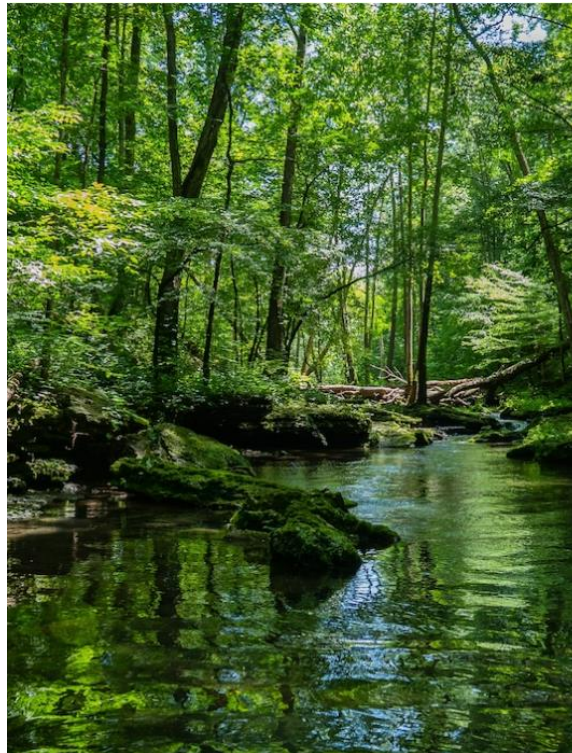
Types of Biodiversity

- Genetic Diversity



Types of Biodiversity

- Ecological Diversity



Importance of Biodiversity

- Biodiversity provides services



Shelter



Food



Water

Climate Change

- A long-term shift in temperatures and weather patterns
- Humans are the main drivers of recent climate change by burning fossil fuels



Climate Change



- Human-driven climate change is happening at a faster rate than natural climate change
- When an environment changes too quickly, organisms don't have enough time to adapt

Adaptations

- An adaptation is when an organism becomes better suited to its environment



Lesson

In this activity, we will simulate how climate change can affect populations by playing a game.



Summer



Winter

