

## Objective

By the end of this lesson, you will be able to understand the basic concepts of biology through the lens of anime.

## Materials and Prep

- Internet access
- Notebook and pen/pencil
- Access to anime clips or episodes

No prior knowledge of biology is required.

## Activities

- Watch an anime episode or clip that involves animals or nature. Take notes on any biological concepts or phenomena you observe.
- Create a character profile for an anime character with unique biological traits. Describe their biology, including any special adaptations or abilities.
- Research and discuss the influence of real-world biology on popular anime series. Choose one anime series and identify biological concepts that are accurately represented or exaggerated for entertainment purposes.
- Design your own anime creature or plant. Include details about its biology, habitat, and any special abilities or characteristics.

## Talking Points

- **What is biology?** Biology is the study of living organisms, including plants, animals, and humans. It helps us understand how living things function and interact with their environment.
- **How does biology relate to anime?** Anime often incorporates elements of biology, such as animal characters, transformations, or special abilities. Understanding basic biological concepts can enhance our appreciation and analysis of anime.
- **What are some examples of biological concepts in anime?** In anime, we often see characters with unique abilities or traits that are inspired by real-world biology. For example, characters with the ability to regenerate body parts may be inspired by animals like starfish or salamanders that can regenerate their limbs.
- **How can we analyze the accuracy of biology in anime?** We can compare the biological concepts presented in anime with real-world scientific knowledge. While some anime may exaggerate or fictionalize biology for entertainment purposes, others may strive for accuracy in their representation of biological phenomena.
- **Why is it important to understand biology in anime?** Understanding biology in anime can help us appreciate the creativity and imagination of anime creators. It also allows us to critically analyze the scientific accuracy of anime and distinguish between fictional elements and real-world biology.