



Teacher Resource

# Evolution

## Focus Questions

Discuss the BTN High story as a class and record the main points of discussion. Students will then respond to the following:

1. What is a species?
2. How are species classified? Explain in your own words.
3. What is evolution? How does it help plants and animals survive in their environments?
4. Do you believe evolution is still occurring? Explain your answer.
5. Explain the process of natural selection.
6. What is DNA and what does it do?
7. Do you believe humans are still evolving? Provide examples.

## Activities

- Explain why scientific classification is important. Provide examples and present your points in an essay or as a poster.
- Choose an animal. Research and explore the taxonomy of the species to find out how it received its classification. Present this information on a timeline as either a slideshow presentation or a 3D model.
- How have different animals adapted to extreme environments? Explore the adaptations of animals living in extreme conditions, such as deep-sea creatures or desert animals. Choose an animal to profile.

### EPISODE 44

14<sup>th</sup> August 2024

#### KEY LEARNING

Students will develop an understanding of how species are classified and learn about the process of evolution.

#### CURRICULUM

[Science – Year 7 \(v8.4\)](#)

[Science – Year 10 \(v9.0\)](#)