

Adaptations

How do adaptations help animals survive?

Year 7-9

Learning Outcomes:

At the end of the session:

- ✓ **All students** will understand the term 'adaptations' and be able to give an example of an animal and its specific adaptations
- ✓ **Most students** will understand how animal adaptations link to their habitat and lifestyle
- ✓ **Some students** will be able to categorise adaptations as behavioural, structural, or physiological

Session Outline:

Students are introduced to the term "adaptations" and its types: structural, behavioral, and physiological. Volunteers dress in adaptation costumes while the group discusses their benefits. Structural adaptations are explained in detail, focusing on predator/prey and hot/cold habitat adaptations, reinforced with animal biofacts (furs, bones, etc.). Physiological and behavioral adaptations to these same categories are also explored.



Curriculum Links

Science:

Genetics and evolution

Relationships in an ecosystem

Biology: nutrition and digestion