

# Shaggy Beasts Lesson Plan

**Topic:** Animals; Their habitats & adaptations based on climate.

**Aim:** To introduce learners to habitats, adaptations, and climate

**Duration:** 60 minutes

**Room:** Classroom / Upper hoof

**Curriculum links:** Science KS1/KS2

Timings	Objectives/ Learning outcomes To be able to:	Resources	Teacher activities	Learner activities	Assessment
10 mins	Define habitat, adaptation, & climate.	Education Habitat board Adaptation cards Climate cards Worksheet	Deliver instructions catering for all learning styles. Define habitat, adaptation, climate Encourage students to engage in a Q&A.	Engage in a Q&A. Match correct adaptation & climate cards to animal habitats. Choose the correct descriptions for habitat, adaptation & climate on worksheet.	Q&A Initial observation assessment. Supervision and questioning throughout.
15 mins	Meet an alpaca. Learn about their natural habitat & adaptations. Stroke their coat & describe what it feels like. Discuss whether they are better suited for warm or cold climate & why. Discover the importance of adaptations to climate.	Zoo Team member (delivery & animal handling) PPE Antibacterial gel	Supervise and evaluate learners. Ensure health and safety is followed at all times and that learners are aware of codes of conduct/rules.	Observations. Tactile experience Meet, greet & touch an animal	Observation of reaction to touching animal's coat & answers to whether the animal's coat adaptation is more suited to a warm or cold climate & why.
15 mins	Meet the Shaggy Beasts (Yak & Highland Cattle) Learn about their natural habitat. Be able to identify what adaptations for the climate they are from. Are they better suited for warm or cold climate & why. Discuss what would happen if there were significant changes to their climate.	Zoo Team member (delivery, & animal handling) Browse feeding PPE Antibacterial gel	Supervise and evaluate learners. Ensure health and safety is followed at all times and that learners are aware of codes of conduct/rules. Encourage students to engage in a Q&A. Demonstrate knowledge on the subject area.	Observations Tactile experience Meet, greet, feed	Observation of reactions to zoo team talk, meeting the animals, feeding the animals. Q&A on what learners observe about the animals. What is in common? What is not?
15 mins	Learn to identify what climate and habitat an animal might be based on their adaptations. Split into teams to complete a Worksheet.	Worksheet – Identify other animals from four different habitats, list what their adaptations might be, and what climate they might be suited for.	Q&A – Identify other animals, determine their ideal habitat, climate based on their adaptations. Demonstrate knowledge on the subject area.	Discuss how we adapt to our environment. Problem solving: Put on / take off coat Layered clothing Engage in a Q&A. Worksheet	Q&A Physical activity
5 mins	Demonstrate an understanding of animal adaptations to their habitats & climate. Touch on climate change & significance. What learners can do to help slow climate change.	Hand out on recycling at home	Feedback from students to check learning covering all learning styles.	Ask questions to the teacher. Show understanding of the topic. Summarise the lesson.	Self-assessment.