

### TOPIC 3: EVEREST'S ALPINE WORLD

- Turn to page 28. Why can't trees grow beyond the **alpine tree line**?
- How do plants survive on the meadows?
- List two adaptations of moss that help it to survive in the **alpine environment**.
- What can you tell about the alpine environment from the illustrations? How would you describe it?
- Why might Everest be considered a 'harsh' climate?
- What challenges do the animals that live there face?



- Turn to page 30. List three adaptations of the **snow leopard** that help it to survive in the alpine environment.
- What is the Himalayan **pika**? What do pikas love?
- Which plant or animal in the alpine environment are you most interested in? Why?

### TOPIC 4: SURVIVING EVEREST

- Before looking at extracts from the book, can you come up with some of the possible dangers that climbers would face on Everest?
- According to page 46, why is Everest 'one of the most perilous and beautiful places on Earth'?
- What is a **whiteout**? What do you think climbers could do to protect themselves against whiteouts?
- How does an **avalanche** begin? Why is an avalanche dangerous for climbers?



#### ACTIVITY:

Create a Survival Guide for anyone considering climbing Mount Everest.

Include information about the different dangers that they will face, along with tips for how to stay as safe as possible and how to prepare before climbing.

- Which of the dangers listed on pages 46–47 frightens you the most? Why? Discuss with a partner.
- Why is Everest named **The Three-Faced Goddess**?
- Can you detect any dangerous areas labelled on pages 48–49?
- How do you think climbers can protect themselves on the route up to the summit of Everest? Discuss with a partner.



#### ACTIVITY:

In pairs, create a *Profile* for a particular plant or animal, including illustrations and facts.

Consider the challenges of the alpine environment and how your chosen plant or animal has adapted to survive.

Carry out more research into your chosen plant or animal in order to find out about their features, family, food, shelter, threats to survival and any conservation efforts to help them.



Worksheet templates available here