

Lesson Plan

At What Altitude?

Book: *Mount Everest*

Series: Natural Wonders of the World

Level: Navigator

Objective

To help students learn about the various habitats that exist on Mount Everest by exploring which plants and animals live at which altitudes.

Supplies

- *Mount Everest*
- At What Altitude? worksheet (attached)

Before the Activity

Read through *Mount Everest*, or assign it to students to read on their own. Print a copy of the At What Altitude? worksheet for each student.

Activity

Mount Everest is very tall. Along the way, many different plants and animals can be found. People climb the mountain, stopping at camps along the way. To learn more about what climbers may see along the way, have students fill out an At What Altitude? worksheet. Students should use information from the *Mount Everest* book to fill in the blanks next to each camp with the camp's altitude. They should draw an arrow from the camp's name to the dot on the mountain where it is located.

Students should also fill in the blanks next to each plant or animal with the altitude where that plant or animal can be found. Then, based on that information, students should answer the questions at the bottom of the worksheet.

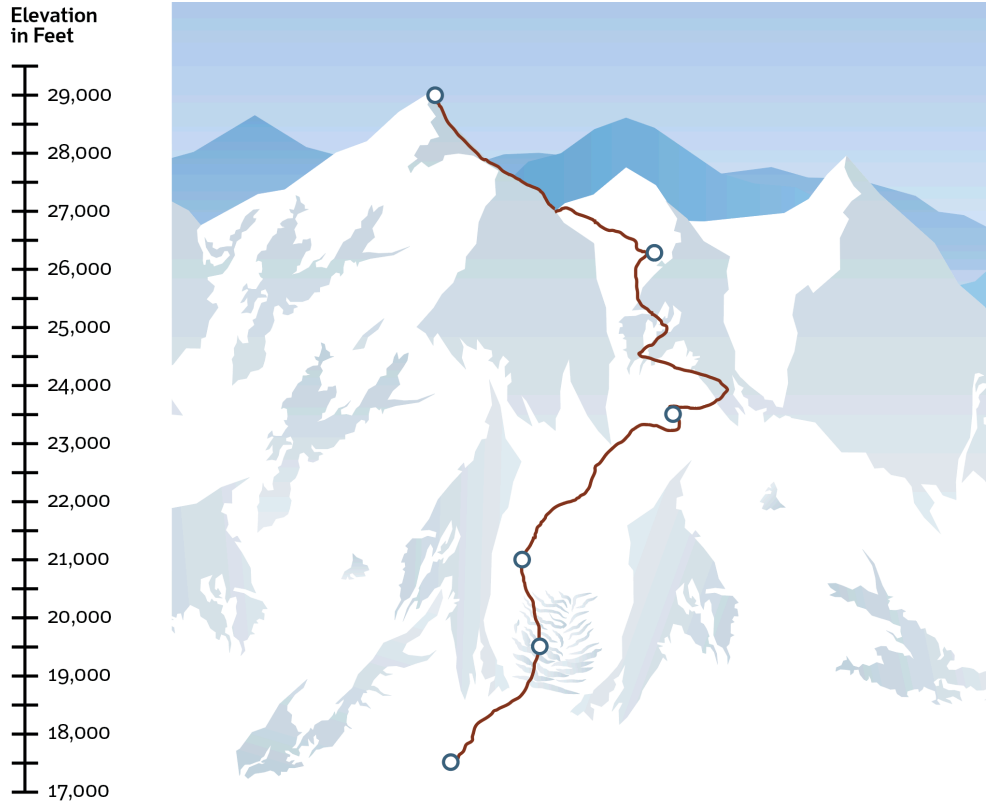
Evaluation

Give each student one point writing in each altitude and one point for drawing a line from each camp to its location on the mountain. Then give students one point for answering each question at the bottom of the worksheet, for a total of 23 points.

Standards

This lesson may be used to address the Common Core State Standards' reading informational texts standards, grade 4 (RI 4.1; RI 4.7), the National Council for Social Studies Standard 3, and the National Science Education Standards' Content Standard C, grades K–4.

At What Altitude?



Summit: _____
 Camp 4: _____
 Camp 3: _____
 Camp 2: _____
 Camp 1: _____
 Base Camp: _____

Bumblebee: _____
 Himalayan jumping spider: _____
 Moss: _____
 Snow leopard: _____
 Snow partridge: _____
 Yak: _____

1. Which animal or plant can only be found below base camp?

2. Which animals or plants would a person stop seeing after Camp 1?

3. Which animal or plant's habitat extends just above Camp 2?

4. Which animal or plant can be found highest up the mountain?

5. How many camps have higher altitudes than the habitats of all the plants and animals?

At What Altitude? ANSWER KEY

Camps

Summit: 29,035 feet (8,850 m)

Camp 4: 26,300 feet (8,016 m)

Camp 3: 23,500 feet (7,163 m)

Camp 2: 21,000 feet (6,401 m)

Camp 1: 19,500 feet (5,944 m)

Base Camp: 17,500 feet (5,334 m)

Plants and Animals

Bumblebee: above 18,000 feet (5,486 m)

Himalayan jumping spider: 22,000 feet (6,706 m)

Moss: 21,260 feet (6,480 m)

Snow leopard: 9,800 to 17,000 feet (2,987 to 5,182 m)

Snow partridge: 18,600 feet (5,669 m)

Yak: 20,000 feet (6,096 m)

Questions

1. Which animal or plant can only be found below base camp? **Snow leopard**
2. Which animals or plants would a person stop seeing after Camp 1? **Snow partridge and yak**
3. Which animal or plant's habitat extends just above Camp 2? **Moss**
4. Which animal or plant can be found highest up the mountain? **Himalayan jumping spider**
5. How many camps have higher altitudes than the habitats of all the plants and animals?
Three: Camp 3, Camp 4, and the Summit.