

## Teacher Resource

# Everest Danger

## Focus Questions

1. Before watching the BTN story discuss what you know about Mount Everest.
2. Mount Everest is the 2<sup>nd</sup> highest mountain in the world. True or false?
3. Mount Everest is on the border of which two countries? Find using Google Maps.
4. In which mountain range can you find Mount Everest?
5. Complete this sentence. Mount Everest's peak is 8 thousand 8 hundred and 48 metres above \_\_\_\_\_ level.
6. Who were the first people to successfully climb to the top of Mount Everest?
7. Who are the Sherpa people?
8. What are some of the challenges for climbers on Mount Everest?
9. Why was Mount Everest recently in the news?
10. What questions do you have after watching the BTN story?

## Activity

### Pre-viewing questions

Before students watch the *Everest Danger* story ask them to respond to the following questions:

- What do you know about Mount Everest?
- What do you know about the weather conditions on Mount Everest?
- What do you know about the landscape?
- What challenges do climbers face on Mount Everest?



### What do you see, think and wonder?

After watching the BTN *Everest Danger* story, students will respond to the following questions:

- What did you SEE in this video?
- What do you THINK about what you saw in this video?
- What did you LEARN from this story?
- What was SURPRISING about this story?
- How did this story make you FEEL?

## Key Learning

Students will investigate the challenges climbers face on Mount Everest. Students will explore the environmental characteristics of Mount Everest.

## Curriculum

### Geography – Year 6

The geographical diversity of the Asia region and the location of its major countries in relation to Australia.

### Geography – Year 8

Different types of landscapes and their distinctive landform features.

### Geography – Year 7 & 8

Develop geographically significant questions and plan an inquiry, using appropriate geographical methodologies and concepts.

### Geography – Year 7 & 8

Interpret geographical data and other information using qualitative and quantitative methods, and digital and spatial technologies as appropriate, to identify and propose explanations for spatial distributions, patterns and trends, and infer relationships.

## Activity

### KWLH

Hold a class discussion after watching the BTN *Everest Danger* story. What questions were raised in the discussion (what are the gaps in their knowledge)? The following KWLH organiser provides students with a framework to explore their knowledge on this topic and consider what they would like to know and learn.

<i>What do I <u>k</u>now?</i>	<i>What do I <u>w</u>ant to know?</i>	<i>What have I <u>l</u>earnt?</i>	<i><u>H</u>ow will I find out?</i>

## Activity

### Questions for inquiry – Mount Everest

Students will develop their own question/s for inquiry about Mount Everest, collecting and recording information from a wide variety of sources. Students may develop their own question for inquiry or select one or more of the questions below.

- What danger does the environment of Mount Everest pose for climbers? E.g. lack of oxygen, altitude sickness, frostbite and snow blindness.
- What do you think should be done to reduce fatalities on Mount Everest? Consider restricting the number of permits given to climbers, only letting experienced climbers on the mountain and the responsibility of the Nepalese government.
- How has climbing Mount Everest changed over time? Analyse how communications, transport and clothing has changed. Write a news article reporting on the first expedition to the summit of Mount Everest and then write a news article reporting on an expedition to the summit of Mount Everest today.
- Explore the first successful ascent made by Edmund Hilary and Tenzing Norgay on Mount Everest. What challenges did they face? What did they do on the summit? Write a diary entry describing the feeling when they reached the summit.

## Activity

### Profile of Mount Everest

Students will create a profile of Mount Everest using a range of sources of information. Students will use the following questions to help guide their research and use the template at the end of this activity to record their findings.

- Where is Mount Everest?
- How high is Mount Everest?
- Describe the landscape and illustrate an aspect of the mountain.
- What is the weather like?
- What are the climbing conditions like on Mount Everest?
- List 10 interesting facts about Mount Everest.
- Use a Venn diagram to compare and contrast Mount Everest with other mountains around the world. Compare the size of the mountains and other physical features.

**Profile of Mount Everest**

What are the climbing conditions like on Mount Everest?

How high is Mount Everest?

What challenges do climbers face on Mount Everest?

Where is Mount Everest located?

Latitude and longitude

Geography – physical features, weather and landscape.

Interesting facts about Mount Everest ...

Map

## Activity

### Imagine you are an explorer

Students will imagine they are an explorer visiting Mount Everest. Below is a suggested framework for their research.

#### Preparation

What will you need to do to prepare for your journey?

- Make a list of what you will need to take with you on your expedition, including clothing, food, scientific equipment and shelter.
- How far do you have to travel to get there?
- How will you get there? What transport will you need?
- Calculate approximately how far you need to travel and how long it will take to get there. Create an itinerary for your journey.
- What support will you need for the expedition?

#### Expedition

Imagine you have begun your expedition to Mount Everest.

- What do you see on your journey? Describe your first impressions of Mount Everest.
- Analyse and describe the environment, using geographical terms like peak, ridge, glacier and crevasse.
- Describe the conditions on Mount Everest. What is the weather like? Check out these [live webcams](#) to get an idea of the conditions.
- What are some of the challenges?
- Describe how you feel during the expedition. How does altitude sickness make you feel?
- How long does your expedition take?

#### Reflection

Reflect on your expedition to Mount Everest.

- Write a journal entry in your diary about your experiences.
- Choose one part of the expedition to write about in detail.

## Useful Websites

ABC News – Mount Everest death toll rises to eight in a week after number of climbers causes congestion  
<https://www.abc.net.au/news/2019-05-25/death-toll-climbs-amid-traffic-jam-on-mount-everest/11149420>

BTN Newsbreak – Climbers line-up to reach summit of Everest  
<https://www.abc.net.au/btn/newsbreak/climbers-line-up-to-reach-summit-of-everest/11156426>

BTN – Sherpas  
<https://www.abc.net.au/btn/classroom/sherpas/10528476>

<p>What are the climbing conditions like on Mount Everest?</p>	<h2>Profile of Mount Everest</h2>	
	<p>How high is Mount Everest?</p>	<p>What challenges do climbers face on Mount Everest?</p>
	<p>Where is Mount Everest located?</p>	
	<p>Latitude and longitude</p>	
<p>Geography – physical features, weather and landscape.</p>	<p>Interesting facts about Mount Everest ...</p>	
	<p>Map</p> 	