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# GIANT PANDAS

CLIMATE CHANGE THREATENS THEIR MAIN FOOD SOURCE

# Giant Pandas:

## Climate Change Threatens Their Main Food Source

According to a recent study published in the journal Nature Climate Change, the Qinling Mountains in Shaanxi province, home to around 275 wild pandas, are at risk due to the impact of global warming. The research predicts that the bears' main food source, bamboo, will be



significantly affected by

climate change,

potentially

wiping out prime panda habitat in

China by the end of the century.

As bamboo carpets the forest floor where the pandas reside, it is the sole item in their diet and provides essential food and shelter. The pandas play a crucial role as seed dispersers of the bamboo seeds. As they move around, seeds and plant matter collect on their fur, which is then dispersed over a vast area since these animals also climb trees and swim.

Human development further threatens the pandas' survival by blocking their access to places where

Hi!  
I am Tara



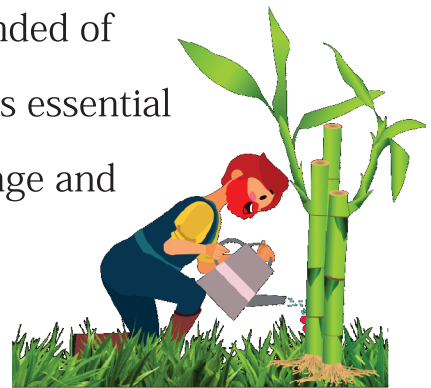
bamboo is less affected by rising temperatures.

With pandas making up approximately 17% of the entire wild giant panda population, it is crucial to take action to protect these endangered animals and their habitat.



Tara was working on her panda project and was reminded of the critical situation facing these adorable animals. It is essential to raise awareness of the threat posed by climate change and take action to protect the giant pandas and their

environment.



## New Words

- |   |  |   |
|---|--|---|
| 1. <b>Habitat-</b> the natural environment where an animal or plant lives and grows | process of building or creating things, like roads or buildings, that can negatively impact the natural habitat of animals | 3. <b>Endangered-</b> a species that is at risk of becoming extinct, or disappearing completely from the wild |
| 2. <b>Development-</b> the  |  |   |

Find other new and interesting words for each other, and write their meanings in your notebooks.

## Comprehension

1. Where are pandas found?
2. What is the main food of pandas?
3. What is the national animal of China?
4. What is the most distinctive physical feature of pandas?
5. How many species of pandas are there?
6. How do pandas spend their day?

Take turns to make more questions like these above for each other and answer them.

## Prompts Pair up

1. With help from your partner, create a panda mask using construction paper and decorate it with black and white tissue paper.
2. As a team, make a collage using pictures of pandas, bamboo, and other animals found in their habitat.
3. **Panda Collage:**
  - a. **Instructions:** Cut out pictures of bamboo, fruits, and vegetables from old magazines or print them from the internet.
  - b. Glue the pictures onto a piece of paper.
  - c. Color the pictures with crayons.
  - d. Discuss with your partner which foods are your favorite and why.
  - e. Pretend you are pandas and take turns eating your favorite foods while making cute panda noises like "nom nom nom"!

Watch the video  
on the  
Giant Pandas  
using the  
QR code.



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