



## BIODIVERSITY | ADDITIONAL VIDEO RESOURCES



### Why is biodiversity so important?- Kim Preshoff

*Duration:* 4:18

*Video Description:* Our planet's diverse, thriving ecosystems may seem like permanent fixtures, but they're actually vulnerable to collapse. Jungles can become deserts, and reefs can become lifeless rocks. What makes one ecosystem strong and another weak in the face of change? Kim Preshoff details why the answer, to a large extent, is biodiversity.

*Video Reflection Questions:*

- What is one of the most biodiverse ecosystems on Earth?
- If one species goes extinct in an ecosystem with high biodiversity, will the ecosystem collapse?
- What is one example of a keystone species from the video?



### Why is biodiversity important? With Sir David Attenborough

*Duration:* 5:39

*Video Description:* Biodiversity is under intense pressure from human activity worldwide. David Attenborough explains why biodiversity is so important to humans, how biodiversity loss is impacting our world and how there is still time to change direction – if we act now.

*Video Reflection Questions:*

- What are some things humans can do to help increase biodiversity?
- What is one example of humans helping protect and increase an animal species population?



### 3 Animals That Keep Their Whole Ecosystem Together

*Duration:* 5:07

*Video Description:* What do gray wolves, elephants, and parrotfish have in common? They're all keystone species, which means they have an especially large impact on their habitat. SciShow explores how these animals keep their ecosystems running.

*Video Reflection Questions:*

- What are a few impacts of reintroducing the wolves to Yellowstone national park?
- What is trophic cascade?

