

Explore Story



Jobs and Technology



Botanist

A botanist studies plants, trees, and flowers in the rainforest. They help make sure plants stay healthy so animals and people can use them. They use magnifying tools and computers to look closely at plants and record what they see.



Environmental Scientist

An environmental scientist studies air, water, soil, plants, and animals in the rainforest. They use water testing tools to check water in rivers and streams to make sure it is clean for animals. They might also use air and soil sensors to understand how nature changes and how to keep it healthy.

Exploration Questions

Look at the jobs on these pages. Pick a job, learn about it, and discuss these questions with your team.

- What are some of this job's daily tasks?
- What education or training is required?
- What makes this job exciting?
- What kind of tools or technology are used?

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Ecologist

An ecologist studies how plants, animals, and the environment work together in the rainforest. They look for patterns to know what happens when one plant or animal is missing. They use charts and data tools to study how living things depend on each other.



Forestry Technician

A forestry technician helps care for rainforest trees and plants. They help plant new trees to replace ones that were cut down or damaged by storms. They use measuring tools and GPS devices to check tree growth and track how a forest grows or decreases in size.

Other Jobs Related to Biodiversity

- Zoologist
- Park Ranger
- Entomologist
- Wildlife Photographer



The Layers of the Rainforest

Emergent Layer

This is where the tallest trees reach way up into the sky! Birds and some monkeys live here.



Canopy Layer

This layer is like a big green roof made of trees. Many animals, like sloths and parrots, live here.



Understory Layer

It's darker and cooler under the shade of the canopy. Snakes, frogs, and jaguars hide here.



Forest Floor

The ground of the rainforest is usually very dark and damp. Big animals like tigers and elephants could live here. Plants on the forest floor grow slowly without much sunlight.

