



## Amazon 1:

# The Amazon rainforest

### Components

	NAME	DESCRIPTION	AUDIENCE
	<i>The Amazon rainforest</i> teacher guide	This guide suggests ways to use the video, <i>Ecology of the Amazon rainforest</i> .	teachers
	<i>Ecology of the Amazon rainforest</i> video	This video provides students with an overview of one of the world's major biomes, the Amazon rainforest. It presents a visual journey of aspects of the rainforest with information on abiotic and biotic factors and components of the forest.	students
	<i>Factors affecting ecosystems</i> worksheet	This worksheet contains questions to be answered after viewing the videoclip.	students

### Purpose

To use a video of interesting animals and plants from the Amazon rainforest to illustrate abiotic and biotic components of this ecosystem.

### Outcomes

Students:

- describe some abiotic and biotic factors within an ecosystem, and
- appreciate a major ecosystem (biome) of the world.

### Activity summary

ACTIVITY	POSSIBLE STRATEGY
Show the video, <i>Ecology of the Amazon rainforest</i> .	discuss aspects of an ecosystem, including abiotic and biotic factors
Students complete worksheet, <i>Factors affecting ecosystems</i> , as they view video.	provide worksheet
Discuss student answers.	class or small-group discussions

### Technical requirements

The video, *Ecology of the Amazon rainforest*, may be viewed in any modern browser.

The teacher guide and worksheet require Adobe Reader (version 5 or later), which is a free download from [www.adobe.com](http://www.adobe.com). The worksheet is also provided in Microsoft Word format.

## Using the video

Show the video *Ecology of the Amazon rainforest* and discuss it with students to explore the abiotic and biotic components of the ecosystem.

Student discussion following the video can be teacher-led as a whole group discussion, or in small groups using strategies such as Think, Pair, Share. Suitable discussion questions include:

- Does the large rainfall amount affect the forest?
- Does the height of rainforest trees affect aspects of the non-living environment?
- Why is the biomass of the rainforest floor so large?
- Why is biodiversity and biomass so high in this ecosystem?

## Associated SPICE resources

DESCRIPTION
<i>Amazon 1: The Amazon rainforest</i> A video provides an overview of one of the world's major biomes, the Amazon rainforest. It presents a visual journey of aspects of the rainforest with information on abiotic and biotic factors and components of the forest.
<i>Amazon 2: Humans and the Amazon</i> A video provides an overview of some impacts of humans on the Amazon rainforest ecosystem.

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