



AT A GLANCE FILM GUIDE

OVERVIEW

Set against the restoration of war-torn Gorongosa National Park in Mozambique, *The Guide* tells the story of a young man from the local community who discovers a passion for science after meeting world-renowned biologist E.O. Wilson.

KEY CONCEPTS

- A person interested in nature and science may pursue many possible career paths, from lab technician to park ranger to field researcher.
- Mentors can be very important as a source of inspiration, experience, and information; as role models; and as a connection to a professional community.
- Methods for protecting habitats, species, and biological communities include designating and protecting nature reserves, maintaining genetic diversity in small endangered populations, and, importantly, reconciling conservation concerns with the needs of local people.
- Community-based conservation is an approach to conservation biology that takes into account the needs of people living in and near natural areas and involves them directly in aspects of the planning and management of these areas, including economic activities that depend on or affect a wildland.
- The tendency for human populations to continually increase in size places ongoing pressures on protected wildlands.
- Diverse human activities negatively affect biodiversity to varying degrees.
- Damaged ecosystems can be surprisingly resilient if people take action to halt ongoing damage, or take even relatively small conservation steps.
- The interactions among all plants and animals, including small organisms such as insects and microorganisms, are important to maintaining an ecosystem's health.
- Understanding the natural world is an important part of personal, societal, and ethical decision-making.
- Cooperation between local and national governments and nongovernmental organizations is often necessary to solve environmental and ecological problems.

CURRICULUM AND TEXTBOOK CONNECTIONS

Curriculum	Standards
NGSS (2013)	MS-LS2-4, MS-LS2-5, MS-ESS3-3, MS-ESS3-4 HS-LS2-6, HS-LS2-7, HS-ESS3-4
AP (2012–13)	2.D.1, 2.D.3, 4.A.5, 4.A.6, 4.B.3, 4.B.4
IB (2009; 2016)	G.3.3, G.4.3, G.4.4; C.3, C.4
AP Environmental Science, Themes and Topics (2013)	Themes: 1, 4, 5, 6 Topics: II.A, II.C, IV.D.3, IV.D.4, IV.D.5, VII.C.1, VII.C.2
C3 Framework for Social Studies State Standards	D2.Eco.15.9-12, D2.Geo.5.9-12, D2.Geo.6.9-12, D2.His.14.9-12

Textbook	Chapter Sections
Miller and Levine, <i>Biology</i> (2010 ed.)	3.1, 5.2, 6.1, 6.2, 6.3,
Reece <i>et al.</i> , <i>Campbell Biology</i> (AP ed., 9th ed.)	52.2, 54.3, 55.5, 56.1, 56.2, 56.3, 56.5

KEY REFERENCE

“Gorongosa: Restoring Mozambique’s National Treasure” <http://www.hhmi.org/biointeractive/gorongosa-restoring-mozambiques-national-treasure>