

Standards and Glossary

Standards:

Scientist Identities

Common Core

- CCSS.ELA-Literacy.RHST.6-12.1- Read closely to determine what the text says explicitly and to make logical inferences from it; cite specific textual evidence when writing or speaking to support conclusions drawn from the text.
- CCSS.ELA-Literacy.RHST.6-12.9 - Analyze how two or more texts address similar themes or topics in order to build knowledge or to compare the approaches the authors take.

National Council for the Social Studies

- Standard IV - Individual Development & Identity
 - IV.b- Describe personal connections to place- especially place as associated with immediate surroundings
 - IV.e - Identify and describe ways family, groups, and community influence the individual's daily life and personal choices
 - IV.f – Explore factors that contribute to ones' personal identity such as interests, capabilities, and perceptions

Conservation Projects

Next Generation Science Standards

- SEP 6 - Constructing Explanations and Designing Solutions
- SEP 8 - Obtaining, Evaluating, and Communicating Information
- DCI ESS3.C - Human Impacts on Earth Systems
- DCI LS2.C - Ecosystem Dynamics, Functioning, and Resilience

Common Core

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- Standard IV - Individual Development & Identity
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Local Conservation Action

Next Generation Science Standards

- SEP 8 - Obtaining, Evaluating, and Communicating Information
- SEP 7 - Engaging in Argument from Evidence
- SEP 6 - Constructing Explanations and Designing Solutions
- DCI ETS1.B: Developing Possible Solutions

Common Core

- CCSS.ELA-Literacy.WHST.6-12.7. Conduct short as well as more sustained research projects based on focused questions, demonstrating understanding of the subject under investigation.

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Glossary:

Amphibian	Animals such as frogs, toads, and salamanders. Amphibians are cold-blooded vertebrates that typically have gilled aquatic larvae and air-breathing adults.
Biodiversity	Biological diversity in an environment as indicated by numbers of different species of plants and animals.
Bushmeat	Meat obtained by hunting wild animals.
Community	A unified body of individuals, such as people with a common characteristic or interest living together within a larger society.
Conservation	A careful preservation and protection of something; planned management of a natural resource to prevent exploitation, destruction, or neglect.
Conservationist	A person who advocates or acts for the protection and preservation of the environment and wildlife. Conservationists take many forms - scientists, artists, managers, investors, engineers, educators, organic farmers, etc.
Critically endangered	A species that is facing an extremely high risk of extinction in the wild, according to the IUCN red list.
Eco services	Outputs, conditions, or processes of natural systems that directly or indirectly benefit humans or enhance social welfare, for example, pollination by bees that allows food production or the decrease in flooding caused by the presence of wetlands.
Estuary	Partly enclosed coastal body of water in which river water is mixed with seawater.
Degraded Habitat	A decrease in the quality of a habitat either by natural processes (for example, drought) or through human activities (for example, deforestation)
Identity	Who you are, the way you think about yourself, the way you are viewed by the world, and the characteristics that define you.
Keystone Species	A species on which other species in an ecosystem largely depend, such that if it were removed the ecosystem would change drastically
Livelihood	How a person supports themselves and secures the basic necessities of life, such as food, water, shelter, clothing, etc.
Mitigate	To cause to become less harsh or severe.
NGO	Non-governmental organization.

Primate	Any mammal of the group that includes the lemurs, lorises, tarsiers, monkeys, apes, and humans.
Primatologist	A scientist who studies primates, such as monkeys, apes, langurs, and lemurs.
Roost	To settle down for rest or sleep.
Shark tagging	Marking sharks with tags so that they can be identified in the future. Tags can be number codes, or can contain GPS for remote tracking.
Species	A biological classification comprising related organisms that share common characteristics and are capable of interbreeding.
Stakeholder	People or organizations that are directly or indirectly affected by the proposed project. This usually includes project partners, target audiences, project supporters, and project opponents.
Steppe	Belt of grassland that extends some 5,000 miles (8,000 kilometres) from Hungary in the west through Ukraine and Central Asia to Manchuria in the east.
Wet paddy agriculture	Using small, level, flooded fields to cultivate rice in southern and eastern Asia.