

# Standards and Glossary

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## Standards:

### Using an Interactive Reading Guide to Explore How War Affects Gorillas

#### Common Core State Standards for ELA

- CCSS-ELA-6-12-CCR Anchor for Reading. 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-6-12-CCR Anchor for Reading. 2. Determine central ideas or themes of a text and analyze their development; summarize the key supporting details and ideas.
- CCSS-ELA-6-12-CCR Anchor for Reading. 5. Analyze the structure of texts, including how specific sentences, paragraphs, and larger portions of the text (e.g., a section, chapter, scene, or stanza) relate to each other and the whole.
- CCSS-ELA-6-12-CCR Anchor for Reading. 7. Integrate and evaluate content presented in diverse formats and media, including visually and quantitatively, as well as in words.
- CCSS-ELA-6-12-CCR Anchor for Reading. 8. Delineate and evaluate the argument and specific claims in a text, including the validity of the reasoning as well as the relevance and sufficiency of the evidence.
- CCSS-ELA-6-12-CCR Anchor for Reading. 10. Read and comprehend complex literary and informational texts independently and proficiently.

#### Next Generation Science Standards (NGSS)

- MS-LS2-4 Ecosystems: Interactions, Energy, and Dynamics: Construct an argument supported by empirical evidence that changes to physical or biological components of an ecosystem affect populations.
- DCI LS2.C Ecosystem Dynamics, Functioning, and Resilience
- DCI ESS3.C: Human Impacts in Earth Systems
- SEP 8: Obtaining, Evaluating, and Communication Information

## **Conducting a Field Study in Your Backyard (Part I: Survey Design and Data Collection)**

### Next Generation Science Standards (NGSS)

- MS-LS2-4 Ecosystems: Interactions, Energy, and Dynamics: Construct an argument supported by empirical evidence that changes to physical or biological components of an ecosystem affect populations.
- DCI LS2.A Interdependent Relationships in Ecosystems
- DCI LS2.C Ecosystem Dynamics, Functioning, and Resilience
- SEP 1: Asking Questions and Defining Problems
- SEP 3: Planning and Carrying Out Investigations

\*Depending on the question you investigate, you could also align with other DCIs or Performance Expectations

## **Conducting a Field Study in Your Backyard (Part II: Data Analysis and Scientific Explanation)**

### Next Generation Science Standards (NGSS)

- MS-LS2-4 Ecosystems: Interactions, Energy, and Dynamics: Construct an argument supported by empirical evidence that changes to physical or biological components of an ecosystem affect populations.
- DCI LS2.A Interdependent Relationships in Ecosystems
- DCI LS2.C Ecosystem Dynamics, Functioning, and Resilience
- SEP 4: Analyzing and Interpreting Data
- SEP 5: Mathematics and Computational Thinking
- SEP 6: Constructing Explanations and Designing Solutions
- SEP 7: Engaging in Argument from Evidence
- SEP 8: Obtaining, Evaluating, and Communication Information

\*Depending on the question you investigate, you could also align with other DCIs Performance Expectations

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## Take a Field Trip to a Local Zoo!

### Common Core State Standards for ELA

- CCSS-ELA-6-12-CCR Anchor for Reading. 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-6-12-CCR Anchor for Reading. 7. Integrate and evaluate content presented in diverse formats and media, including visually and quantitatively, as well as in words.
- CCSS-ELA-6-12-CCR Anchor for Speaking and Listening. 1. Prepare for an participate effectively in a range of conversations and collaborations with diverse partners, building on others' ideas and expressing their own clearly and persuasively.
- CCSS-ELA-6-12-CCR Anchor for Speaking and Listening. 2. Integrate and evaluate information presented in diverse media and formats, including visually, quantitatively, and orally.
- CCSS-ELA-6-12-CCR Anchor for Speaking and Listening. 4. Present information, findings, and supporting evidence such that listeners can follow the line of reasoning and the organization, development, and style are appropriate to task, purpose, and audience.

### Next Generation Science Standards (NGSS)

- MS-LS2-4 Ecosystems: Interactions, Energy, and Dynamics: Construct an argument supported by empirical evidence that changes to physical or biological components of an ecosystem affect populations.
- DCI LS2.C Ecosystem Dynamics, Functioning, and Resilience
- SEP – Engaging in Argument from Evidence

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## Glossary:

Field Study	A study in which the researcher collects data outside of a laboratory. Often in the natural habitat of the study subject.
Line Transect	A method of sampling in which the researchers follow a line and record number of organisms.
Bush Meat	Meat that is collected from animals in their natural habitat.
Survey	In science this typically means a study that is meant to assess the condition of an organism or habitat.
Wildlife Trafficking	The illegal movement, shipment or sale of wild animals.

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