



Oxford City Schools

Proficiency Scale

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GRADE LEVEL: 10th - 12 Grade COURSE NAME: AP Biology
MEASUREMENT TOPIC: MT Apply Concepts in Ecology

4	In addition to Score 3, the student makes in-depth inferences and applications. <ul style="list-style-type: none">• Connect biological concepts, processes, and observational data to broader theories or biological themes.
3	<ul style="list-style-type: none">• Predict the causes or effects of a change in, or disruption to a biological system, related to Ecology, based on biological concepts or processes, models of biological concepts or processes, or data.• Apply biological concepts and processes in Ecology to illustrative examples and novel scenarios.
2	<ul style="list-style-type: none">• Explain biological processes related to Ecology.• Describe biological concepts related to Ecology.

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With help, a partial understanding of some of the simpler details and processes and some of the more complex ideas and processes.

Key Vocabulary:

behavioral and physiological responses of organisms, endotherm, ectotherm, autotroph, heterotroph, Law of 10%, ecological relationships, population growth patterns, limiting factors, keystone species, invasive species, niche, trophic cascades, biodiversity, ecosystem stability