

Sample MC Item

Earth's stratosphere contains ozone. The ozone layer protects Earth from ultraviolet radiation. If the ozone layer is reduced, how will Earth be most affected?

- *A. Increased ultraviolet radiation may result in change to living organisms.
- B. Increased ultraviolet radiation may cause air conditioning systems to overheat.
- C. Increased ultraviolet radiation may rapidly increase the water temperature of the Pacific Ocean.
- D. Increased ultraviolet radiation may permanently destroy some satellite communication systems.

FCAT SCIENCE

PLANNING CARDS Grade 8

BENCHMARK SC.G.2.3.4.

Item Type(s)	MC, SR
Benchmark Clarification	The student identifies human actions that cause changes in ecosystems.
Content Limits	Items will relate human activity to ecosystem changes. Items may address data interpretations of change in an ecosystem.
Stimulus Attributes	Items may describe real-world data or situations.
Response Attributes	None specified.