

Alternative Assessment--Unit 3.2

Lungs of the Earth

Grade 7 Science

Overview

Students think about how plants are the “lungs of the Earth.” They prepare an illustrated presentation for the class that explains this idea.

Content Standards

GLE 0707.3.2 Investigate the exchange of oxygen and carbon dioxide between living things and the environment.

GLE 0607.Inq.5 Communicate scientific understanding using descriptions, explanations, and models.

Materials

Colored paper, poster paper, markers, colored pencils, or other materials for creating drawings OR

Computer applications for creating powerpoint presentations, movies, animations, or other type of electronic presentations

Resources

See Tennessee Holt Science & Technology, grade 7, TE p. 84 for a description of this assessment.

Assessment Rubric

Component	Advanced	Proficient	Below Standard
Science content	The presentation provides a clear, effective explanation that reflects deep understanding of the carbon-oxygen cycle.	The presentation provides an explanation with a clear relationship to the carbon-oxygen cycle.	The explanation is incomplete or not clearly presented OR the carbon-oxygen cycle is not mentioned.
Creativity	The presentation contains many creative details that contribute to the viewer enjoyment.	The presentation contains some creative details.	The presentation contains few creative details or the details distract rather than enhance.