

Sustainability Teachers' Academy Lesson Plan

Think Sustainability

Topics Covered

Sustainability
Three Pillars

Grades

6-8

Duration

15 Minutes

Sustainability Competencies

Values Thinking
Future Thinking
Systems Thinking
Collaborative Thinking

Online Resources

[Using the Think-Pair-Share Technique](#)

[Three Ways to Plan for Diverse Learners: What Teachers Do](#)

Objectives

Students will explore sustainability problems and solutions through discussion prompts.

Materials

- "Think Sustainability" PowerPoint slides, computer and projector
- Student materials for taking notes, diagraming or recording thoughts

Teacher Preparation

Select and project prompt for the class. Several prompts regarding the waste stream, food systems, and energy are available with this lesson plan.

Background Information

These activities allow students to explore key concepts using higher order thinking skills in a context that provides time, structure and peer interactions. These activities can also be used informal, formative assessment of student learning.

These activities encourage student participation because all students are required to share their ideas with at least one of their peers.

Recommended Procedures

Each slide presents an open-ended problem to which various reasonable solutions might be proposed. Allow students several minutes to think about the problem individually.

Each student should be paired with another student and given a few minutes to share their ideas, ask questions of one another and discuss the idea further.

Open the discussion to the whole class, allowing one member of each group to share their ideas, questions and discussion with the rest of the class.