



materials for the arts

Art and Science: Conservation Collage

Teacher: Saranaa Gonzalez (Hosein)

Aim / Objective: Why is conserving energy important? How can we conserve energy?

Common Core Standards:

- R.I. 3 Explain events, procedures, ideas, or concepts in a historical, Scientific or technical text including what happened
- Speaking and Listening 1c: Pose and respond to specific questions to clarify or follow up on information, and make comments that contribute to the discussion and link to the remarks of others.

Blue Print Standard: Art making: Collage

Connection/Importance: Connect to definition of energy and different kinds of energy, then learn about importance of conserving energy and different conservation tactics.

Vocabulary: conserve (to save or not waste something)

Resources: Energy All Around – trade book

Mini Lesson/ Model/ Explicit Teaching:

Cause

Some resources are non-renewable
We need to do what we can to take care of the Earth and protect our ozone layer.

Many kinds of energy use fossil fuels in some way.
Fossil fuels are nonrenewable.

Effect

We should not waste resources the earth provides us with
Future generations will be able to survive and use the same resources.

If we do not conserve our energy consumption, we will run out of fossil fuels.

Discussion Questions (DOK level): How can we change the waste of energy that occurs every day? Why is conserving energy important?

Learning Activities Groups based on: Reading Levels; Writing Levels

High	Medium	Low
Create a collage to reflect the importance of conserving energy.	Create a collage to show how people can conserve energy	Create a collage that sends a message on how you feel about wasting energy
<ul style="list-style-type: none"> • (Re)use magazines, photos, internet pictures, own drawings to create a collage to represent the message. • Write blurb to describe poster 	<ul style="list-style-type: none"> • (Re)use magazines, photos, internet pictures, own drawings to create a collage to represent the message. • Write blurb to describe poster 	<ul style="list-style-type: none"> • (Re)use magazines, photos, internet pictures, own drawings to create a collage to represent the message. • Write blurb to describe poster

Formative Assessment/Reflection: What can I change for next time? What went well?

Follow up: Students present collages and explain why they chose certain pictures/designs.