



Sustainability

Materials Needs



TWO PAPERS (PRINTER
PAPER)



COLORED PENCILS

What we will be doing:

In this activity, you will be drawing a picture or diagram/graphic organizer about sustainability.



Brainstorm

- On one of your papers list as many words as you can that come to your mind when you hear the word **sustainability**. -45 seconds
- From your seat, share and discuss your list of terms with a neighbor. Add any terms to your list that you did not have. Discuss any terms you do not know. -90 seconds





Brainstorm

“Sustainability means meeting the needs of the present without compromising the ability of future generations to meet their needs.”

On the same paper (you may use the back if needed) answer the following questions:

1. What are the basic needs of people?
2. Do all people have the same needs?
3. What do you think the needs of people will be in 100 years?
4. How can our present actions impact the future?
5. What can we do now to protect the future?

3 Pillars of Sustainability

The basic needs of humans fall into three basic categories. Match the needs you listed before with one of the pillars below.

- Economic -EC
- Society (political science/ethics) -S
- Environment-EN

Complete your Design

Using the terms, answers to the questions and the three pillars create a diagram that depicts sustainability. Your design may be displayed somewhere in the school.

- See the rubric for how you be graded before you begin (next slide)

Design Rubric

	4	3	2	1				
Color	5 colors are used	4 colors are used	3 colors are used	2-1 colors are used				
3 Pillars	All three pillars are clearly identified and associated with the correct terms.	All three pillars are clearly identified but some of terms are not correctly attached to the correct pillar	Two pillars are clearly identified and some of terms are not correctly attached to the correct pillar	Pillars are not clearly identified and some of terms are not correctly attached to the correct pillar				
Sustainability Message	The design clearly communicates the definition of sustainability and actions for each pillar that will help us move toward sustainability	The design clearly communicates the definition of sustainability but only has actions for 1 or 2 pillars that will help us move toward sustainability	The design do not communicate the definition of sustainability but only has actions for 1 or 2 pillars that will help us move toward sustainability	The design do not communicate the definition of sustainability and has no actions for the pillars that will help us move toward sustainability		Examples of Actions: Economic- Making solar energy cheaper than other energy type.	Examples of Actions: Social- Making recycling in school something everyone does.	Examples of Actions: Environmental- Planting trees help serve as a riparian buffer.
Neatness	The design is exceptionally attractive in terms of design, layout, and neatness.	The poster is attractive in terms of design, layout, and neatness	The design is acceptably attractive though it may be a bit messy.	The poster is distractingly messy or very poorly designed. It is not attractive.				
Grammar	There are no grammatical/mechanical mistakes on the design.	There are 1-2 grammatical/mechanical mistakes on the design.	There are 3-4 grammatical/mechanical mistakes on the design.	There are more than 4 grammatical/mechanical mistakes on the design.				