

ACTIVITY 3: Reusing Household Items

Activity Objective: Identify household items that are going to be discarded in the trash and find ways to repurpose.

Materials: Chapter 4, Items that can be repurposed, paper, computer, printer, Internet Access

Definition: Repurposing is the process by which an item with one use value is transformed as an object with an alternative use value. It is done using items usually considered to be junk, garbage, or obsolete. A good example would be an Eco style of house that uses tires as insulating walls and bottles as glass walls. Reuse is not limited to repeated uses for the same purpose. Examples of repurposing include: using tires as boat fenders and steel drums or plastic drums as feeding troughs and/or composting bins. Incinerator and power plant exhaust stack fly-ash is used extensively as an additive to concrete, providing increased strength. This type of reuse can sometimes make use of items which are no longer usable for their original purposes, for example using worn-out clothes as rags.

REVIEW VIDEO: Reuse broken household items

<https://www.youtube.com/watch?v=fqgZ4oOq06I>

Procedure:

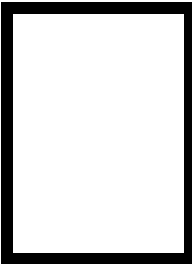
1. Work as partners or small teams
2. Research Chapter 4 on the process of repurposing
3. Locate a number household item that would normally go in the trash
4. List these in the first column
5. First, try to find a way to repurpose these items. If this is not possible, either find a way to reuse it or recycle the item.

Household Item to be Discarded	Repurpose: Reuse/Recycle



RUBRIC

4 World-Class Learner	3 Proficient Learner	2 Developing Learner	1 Emergent Learner
Learner at this level has gone beyond mastery of knowledge, skills, & attitudes described in project. World-class learner consistently exhibits high-quality performance.	Learner at this level has had opportunities to apply knowledge, skills, & attitudes of component of project. Proficient learner has mastered essential attributes, thus proving mastery.	Learner at this level has been exposed to & had opportunity to apply knowledge, skills, & attitudes of project. Developing learner may have only a few essential attributes to master before mastery.	Learner at this level may or may not have been exposed to knowledge, skills, & attitudes required by academic standards of the project.



- 1= Emergent Learner
- 2 = Developing Learner
- 3 = Proficient Learner
- 4 = World-Class Learner