Creativity at the Core

Module 18

Reuse STEAM

Developed by Humboldt County Office of Education and SCRAP Humboldt

Section: 3-5 unit: Part 2

Section Title: **Reuse: A Better Option**

A Professional Learning Module Designed for: 3-5 Teachers

CONTENT OUTLINE

Purpose:

In Part 2 students learn about Creative Reuse and view slide show of amazingly transformed plastic items to gain insight into techniques and be inspired by what is possible for the Design Challenge of Part 3.

Time: 30 minutes

Grouping: Whole class

Standards:

Please see associated standards files

Slides: 11-23

Handouts:

Materials:

equipment for viewing digital slide show

Media Resources:

Included in description below

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PROCESS/ACTIVITY

Let's Define the 5 R's!
See if the class can come up with their own definition for each one.
Reduce: To purchase less "stuff", Reducing one's own belongings.
Reuse: reusing something over and over again; ceramic coffee mugs, stainless steel water bottles
Recycle: to make something new from (something that has been used before; to send (used newspapers, bottles, cans, etcl.)
Refuse: to say "no" to single use items. " oh no thank you, I have my reusable bag right here"
Rot: Compost

Creative Reuse is the focus of this project and is a subset of Reuse.

Sometimes we think of creative reuse like this, If you are stuck on a desert island and needed to make a bag but only had – thread, granola bar wrappers, and plastic water bottles – How would you make it? Creative reuse is the reuse of an object through the addition of creativity and creative problem solving. For example, when a plastic water bottle (no longer wanted for its original function) is cut and creatively reused as a funnel.

Students view pictures of amazingly transformed plastic items to gain insight into techniques and be inspired by what is possible.

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PROCESS/ACTIVITY