

# World History, REpurpose and Crafts in STEM

***REPURPOSE*** - to use something for a different purpose  
to the one for which it was originally intended (Cambridge  
Dictionary)

Repurposing is the process by which an object with one use value  
is transformed or redeployed as an object with an alternative use  
value. (en wiki)



## **Project 2 - The Paper Clip Chains**

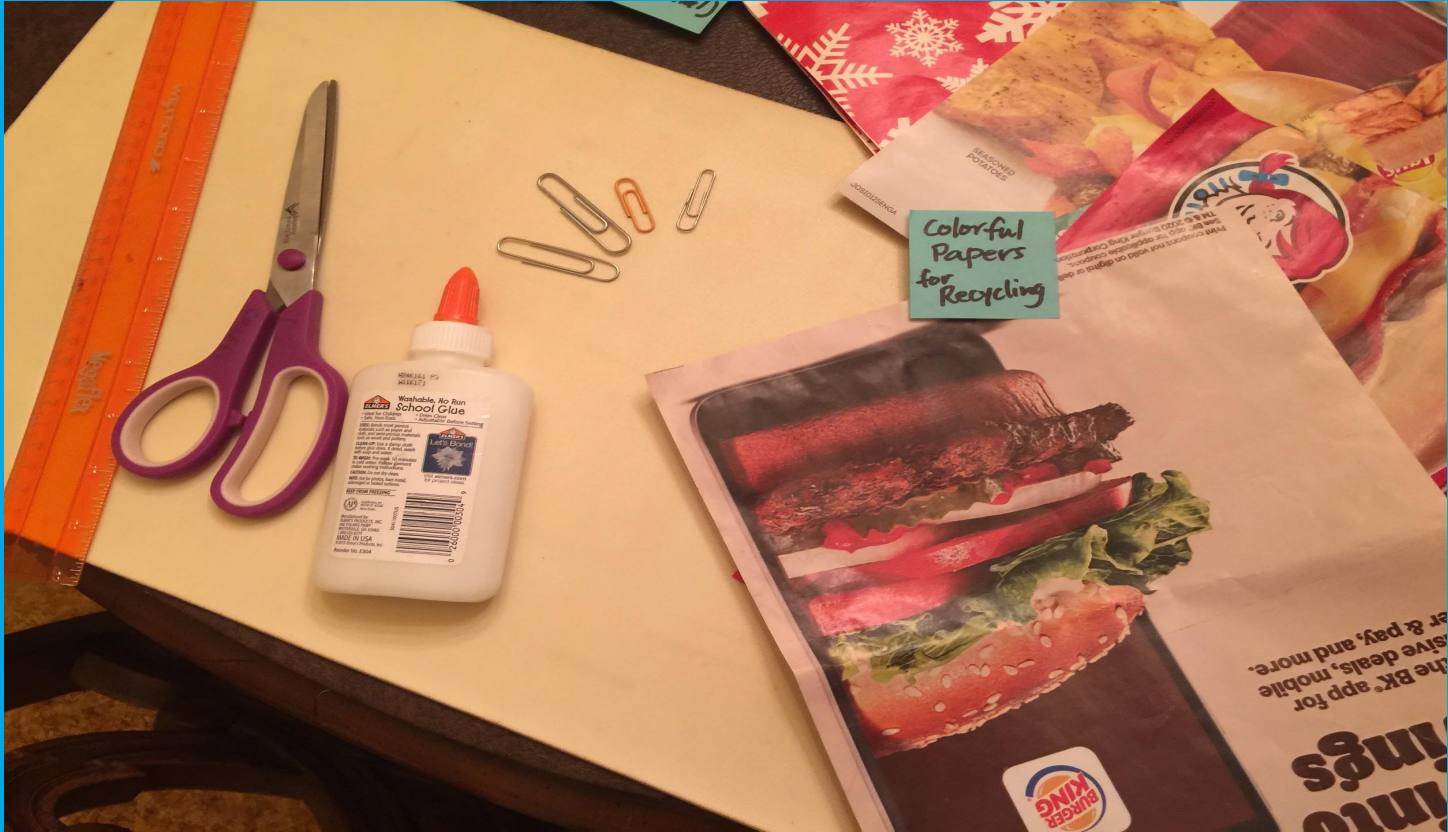
## Day 1 Lesson - Background Study : The Paper Clip was used as a symbol of resistance during the World War II

<http://www.todayifoundout.com/index.php/2013/09/the-paperclip-was-used-as-a-symbol-of-resistance-during-world-war-ii/>

**Prepare the assigned materials needed for this project. Makes sure they are on your desk before STEM class**

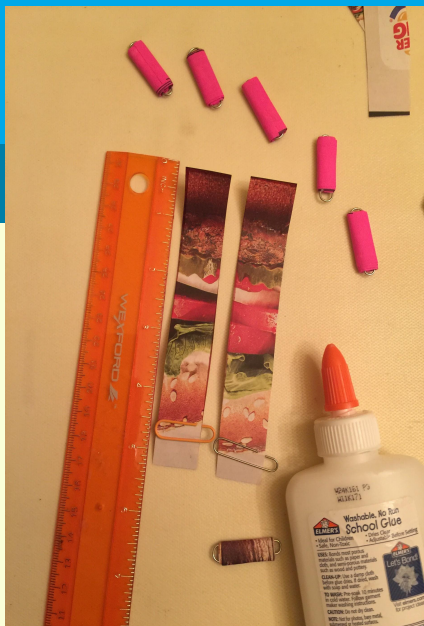
# *Materials*

- Paper clips ( small size)
- Recycled papers preferably the colorful, glossy papers
- A Pair of Scissors
- Glue
- Ruler (optional)



## ***Steps - Important - apply your creativity and use your common sense***

- 1. Cut about 30 strips of colorful papers, about less than 1 inch by 5 inches long. The width of the paper should not be wider than the length of the small paperclip.**
- 2. Attach the paperclip perpendicular to the length of the strip of paper.**
- 3. Put a small amount of glue to the paper and roll it to the paperclip tightly.**
- 4. Attach a new paper clip, and cover the newly attached clip with another strip of paper.**
- 5. Continue adding paper clip and covering with colorful strip of paper.**
- 6. Make one necklace and a bracelet.**



# Video Resources:

Basic

<https://www.youtube.com/watch?v=ULbJ7nGDjYE&t=160s>

Paper clips and Washi Tape

<https://tinkerlab.com/how-to-make-a-paper-clip-tape-necklace/>

# From TRASH to TREASURES



# STEM CHALLENGE 2

*Create your own necklace - 50 points*

*Create a bracelet - 50 points*

*Take a picture of yourself wearing your creations and post it in the GC -  
Repurpose Google Slide = 100 points in STEM project .*

**WEAR IT OR SHARE IT**

**Take pictures and You're the Winner!**



*I always believe that my students can do great things!*  
- Ms Joy Aguas



Take a picture of your creations and post it in the STEM Google Classroom -  
Upcycling Google Slide