

Level: 4-5

Category: Applied Design, Skills & Technologies

Title of Lesson: Desert Island Paper Clip

Goals/Objectives:

Practice brainstorming, divergent & creative thinking, empathetic design

Materials Needed:

Paper & Pencil

Paperclips (optional)

Task Instructions: (Step by Step)

- You are stranded on an island with only an endless supply of paperclips!
 - Create a list of all the things you will need to survive.
 - How many of the items on your list can be created, collected, etc by using just paperclips?
 - Try your hand at making one of your contraptions if you have extra paperclips laying around!
 - Explain your favourite invention to a family member or friend

Adaptations/Adjustments: (consider different environments)

- Draw your ideas, instead of making them

Extensions (Optional):

- Create an advertisement for your favourite paperclip invention