

**Level:** 6-7

**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
- Of the ideas you've created, how many can solve a real-world problem?
  - Try to develop something that may help you, or another person in your community.

**Adaptations/Adjustments: (consider different environments)**

- Draw your ideas, instead of making them

**Extensions (Optional):**

- Create an advertisement for your favourite paperclip invention