Reuse STEAM

Developed by Humboldt County Office of Education and SCRAP Humboldt

HANDOUT Title: **Design Process** Handout #:

Content:

DESIGN PROCESS

Identify Problem

What is today's challenge?

Brainstorm

What are some different ways to tackle today's challenge?

How creative can you be?

Design

Which ideas are really possible with your time, tools, and materials?

"We will build a _____ that does _____."

Build

What are some problems we'll need to solve as we build this project?

What materials and tools will we need?

Test + Evaluate

Why type of tests can you do on your product to simulate how it will be used?

Redesign

What is your goal?

Share Solution

What were the different steps you had to do to get your project to work the way you wanted?
What is the best feature of your product? Why?
What are some things our products have in common?
If you had more time, how could you improve your product?
What's something you like about another group's product and something that could be improved?

Apdapted from PBS' Design Squad "Invent It, Build It" Guide: www-tc.pbskids.org/designsquad/pdf/parentseducators/DS_Invent_Guide_Full.pdf