



Create A River Clean Up Device

Engineering Design Brief

CHALLENGE: *Design a device which will collect the most trash from the polluted river.*

1. **Constraints:** You may only use the provided materials. You would not be able to put your hand in the river to pick up trash.
2. **Criteria:** Your device must pick up trash from the river.
3. **Materials:** Use only the materials provided in your supply bag. You may use scissors, if applicable.
4. **Before You Start:** Use the back of this sheet to draw your design.
 - Explain how your device would work to collect the most trash? What kind of trash will it remove?
5. **Follow Up Questions:** What was the most challenging part of your assignment? What do you think worked best?

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