

Lesson:

Read about this amazing invention that helps clean up garbage in a river in Baltimore. While you read and watch video think about a way you could make something that could clean up trash.

<https://superscience.scholastic.com/issues/2018-19/040119/trash-collector.html#830L>

Word Wall

Litter: trash, such as paper, cans, and bottles, that is left lying in an open or public place.

River Current: A **river current** is the water moving in a river. Rivers flow from high points to lower ones and eventually down to a larger body of water. The force of gravity, which makes the water flow downward, creates river currents

Prototype: a first model of something, especially a machine, from which other forms are developed or copied.

Harbor: a part of a body of water along the shore deep enough for anchoring a ship. It provides protection from winds, waves, and currents

Activities:

Now it's your turn to play [Mr. Trash Wheel!](#) Play this fun game to pull as much trash from the river as possible. Then think about a place in your community that has a trash or pollution problem. Draw a diagram of a litter collector that could be built in your area to help collect trash.

After you design your invention write a paragraph explaining how it works. You can send an e-mail to me at nmueller@troy.k12.mi.us or to your ELD teacher. I am excited to see what you come up with.