

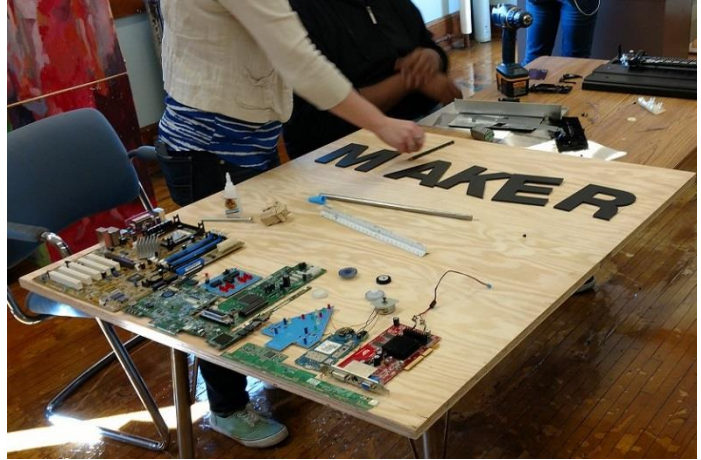
Service-Learning in Career and Technical Education

Course: **Digital Electronics**

School: **Bay View High School**

Community Partner: **Odvant Creative, LLC**

Project Name: **Repurposing Scrapped Electronics**



Project Snapshot

After investigating the harm to people and the environment caused by electronic devices sent to landfills, students created collection sites for old electronics at the school and in the surrounding community. The collected items could then be responsibly recycled. They could also be creatively repurposed.

One way students chose to repurpose the items was to use them to make informative signs for various rooms and spaces at the school.

Community Need/Issue Addressed

Good Health and Well-Being and Clean Water and Sanitation*

When old electronic devices are sent to landfills, the hazardous chemicals in them can leach out and pollute groundwater and streams. If they are incinerated, the burning plastics in them can emit dioxin, a harmful pollutant.

Through this service-learning experience, students reduced the amount of electronic waste entering landfills and repurposed the items in creative and beautiful ways that do not harm the environment.

**from United Nations Global Goals for Sustainable Development <https://www.globalgoals.org>*