



Litter Pollution Prevention Project

City of Tacoma | Environmental Services

Community, Vitality and Safety Committee
June 10, 2021



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OVERVIEW



Nine Tacoma schools participated in the Litter Pollution Prevention Project.

- Jennie Reed Elementary School
- Downing Elementary School
- Blix Elementary School
- Fawcett Elementary School
- Manitou Park Elementary School
- Geiger Montessori School
- Washington Elementary School
- Wilson High School
- Mount Tahoma Elementary School

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OVERVIEW



Understand litter issues and how they are related to stormwater pollution problems.



Collect data about litter in Tacoma to answer the following questions.

1. *How much litter is there?*
2. *What types of litter are most common?*
3. *Where is litter most commonly found?*



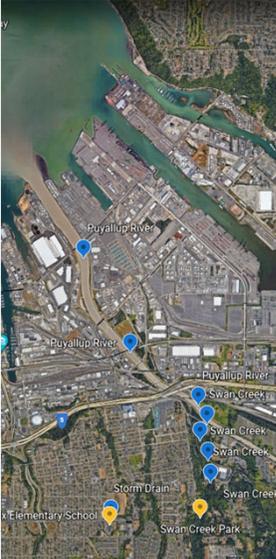
Use the data we collect to propose solutions to litter pollution in Tacoma.

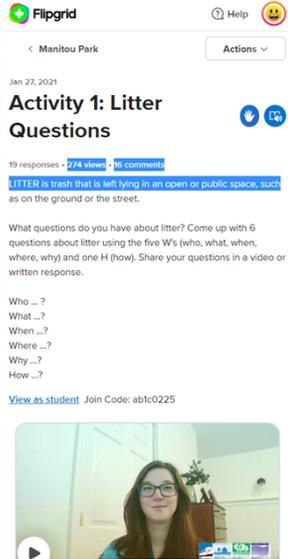
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OVERVIEW

Students participated in synchronous and asynchronous lessons, videos and activities to better understand litter issues.



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SEAL OF THE CITY OF TACOMA

OVERVIEW

Students surveyed their neighborhoods to collect data about litter in Tacoma.

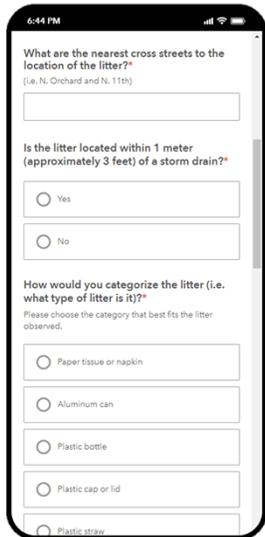


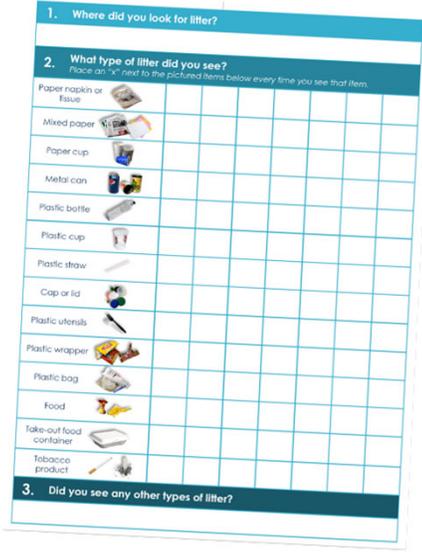
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SEAL OF THE CITY OF TACOMA

OVERVIEW

Students collected and recorded data about the quantity, location, and type of litter they observed in their neighborhoods.





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PROJECT RESULTS



Students observed a total of 6,263 pieces of litter over a period of four months.

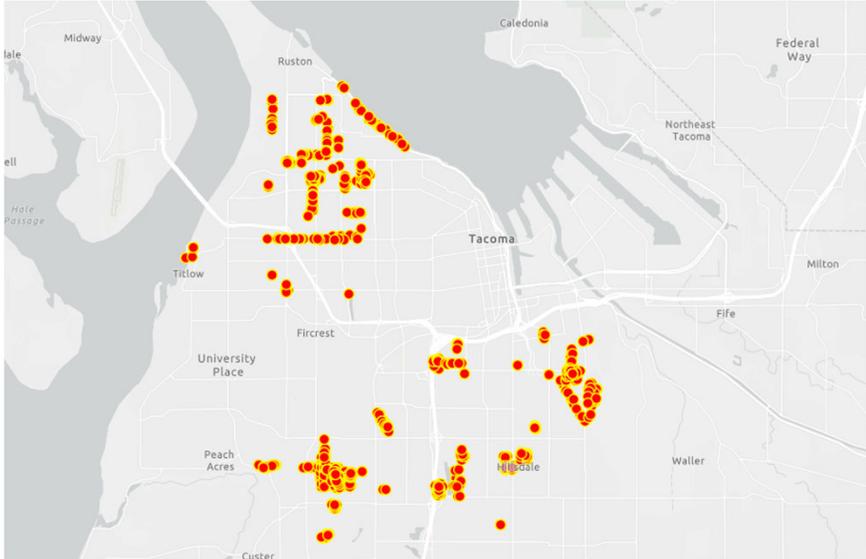


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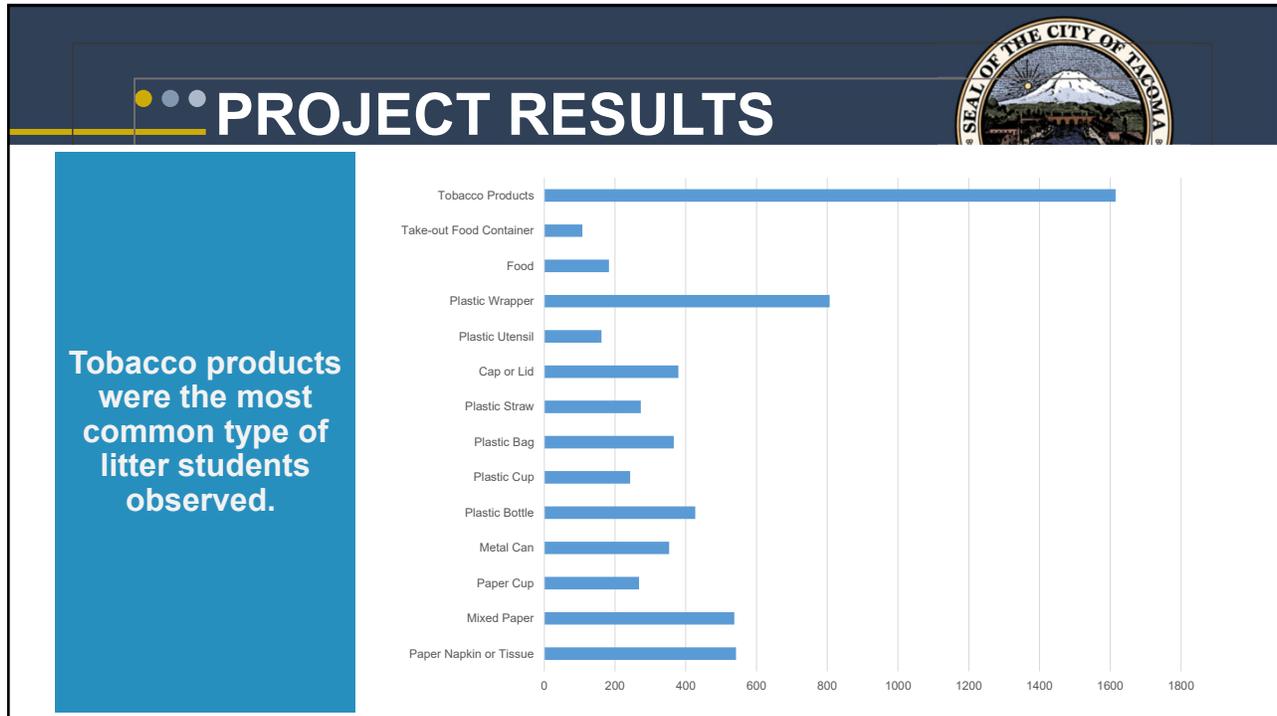
PROJECT RESULTS



From these observations, we were able to map over 1,500 pieces of litter.



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PROJECT RESULTS

How can we prevent or clean up litter?

Students brainstormed as a group to come up with solutions to litter pollution in Tacoma.

You can bring a trash bag with you. When you have trash you can put the trash in the bag and when you see a trash can you can throw it away.	Hire people to pick up litter	We could use something that isn't plastic	Maybe there should be places with large boxes to put your trash in.	Putting up signs and not use plastic a lot	A big vacuum cleaner that sucks up about 30000 pieces of trash	More trash cans.	Find more people willing to help	Use food litter to feed worms because they need food too
Vacuum clean	More signs	Doing litter clean-ups every month and not 2 every year	Don't use plastic for a month, then if it works don't use that much later.	Teach kids to reduce their use of plastic	A litter robot	More places to throw away trash	Tell your friends and family not to litter, to buy reusable stuff, and to not waste plastics	We could stop littering by trying not to use so much plastic and not putting tobacco on the ground when we are done with it.
More trash cans!	Help clean	We should have metal straws at restaurants	Bring people together every year to pick up trash	Keep a litter bag in your car and hang until litter until you find a garbage receptacle	a robot that picks up plastic	Encouraging more people to not litter	Have a challenge where the person who cleaned up the most litter gets a prize	We can make forever reusable and unbreakable plastic
Robots that clean-up litter (get energy from the sun)	Make most trash recyclable so people reuse it and there's less litter	We can build a robot	Use more reusable things and try not to throw trash on the ground and if you do throw trash on the ground pick it up.	Invent a game for people to join and clean-up litter	Put more trash cans in public places	Clean litter everyday		

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PROJECT RESULTS

Students proposed solutions to prevent litter pollution in Tacoma.



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PROJECT RESULTS

Students proposed solutions to clean-up litter pollution in Tacoma.



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