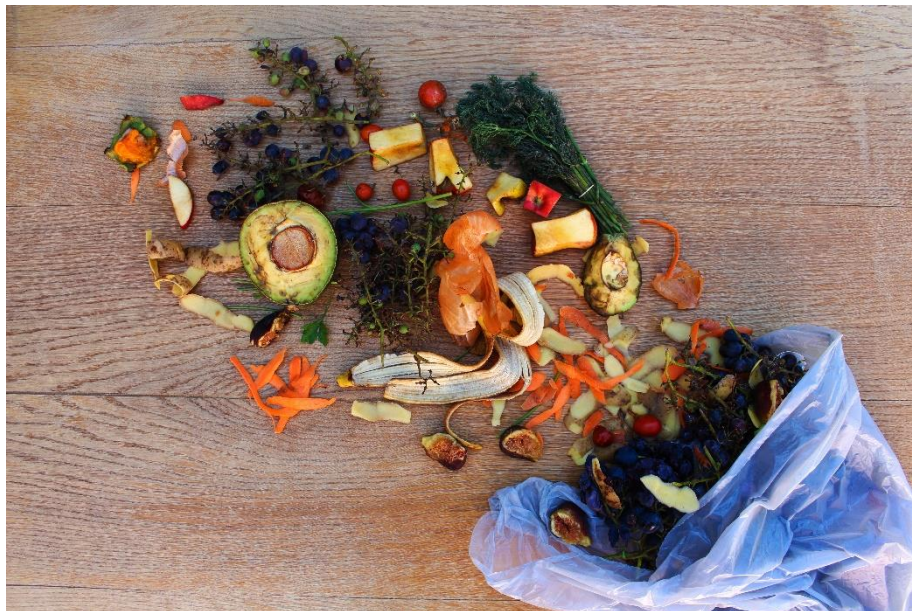




Carbon Calculator Food Waste

Audit each classroom twice: first at the *beginning* of the Challenge to gather preliminary data and then again at the *end* of the Challenge, to see whether classrooms successfully met their reduction goals. Use this worksheet to collect all data (or feel free to create your own!), whether from one classroom, grade level, floor, or the entire school. Make as many copies as needed. Enter the sum of all the data into the Solid Waste-Food tab of the Carbon Calculator, where CO₂ emission reductions will be calculated.



Food Waste

[Food loss and waste accounts for about 4.4 gigatonnes of greenhouse gas emissions \(GHG\) per year.](#) To put this in perspective, if food loss and waste were its own country, it would be the world's third-largest GHG emitter – surpassed only by China and the United States. One strategy to combat these emissions is to compost plant-based food waste.



CARBON CALCULATOR WORKSHEET: SOLID WASTE: FOOD WASTE

CLASSROOM NAME/#: _____		
Food Waste	Before Taking Action in Pounds (lbs.)	After Taking Action in Pounds (lbs.)
On average, how many pounds of food are wasted in one day?		

CLASSROOM NAME/#: _____		
Food Waste	Before Taking Action in Pounds (lbs.)	After Taking Action in Pounds (lbs.)
On average, how many pounds of food are wasted in one day?		

CLASSROOM NAME/#: _____		
Food Waste	Before Taking Action in Pounds (lbs.)	After Taking Action in Pounds (lbs.)
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