

## Composting in the Curriculum

### Beginning of the year:

We introduce the students to measuring using accurate units in project 3.1.4 "Mad Science". The students design their own lab using the scientific method to record volume, mass, pH, and temperatures. They present to the class their

My goal is to have the students be able to apply this to the many measureable inputs and outputs that are in compost. This is a beginning of the year activity.

### Middle of the year:

In project 5.1.3 "From Farm to Fork" students research the production, transportation, processing, and distribution of food items. They present to the class the different locations, careers, and change that happen to the food items.

My goal is to have the students use the measured compost in raised beds to better identify with how the production occurs.

### End of the year:

In problem 7.1.1 "Solving World Hunger," the students hold a formal meeting discussing the need to feed a growing population healthy food. They identify in small groups needs and research supporting evidence to address the needs. As an entire class they formally discuss what they can do to address the issue of world hunger.

My goal is to use composting recycled food waste to show students how to produce healthy foods. I hope to motivate them to address an agricultural need that could lead to a more sustainable life.