

# Compost!

Katrina Carpenter

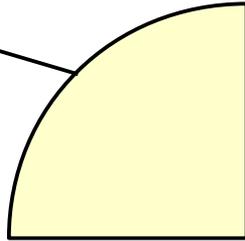
Education Specialist

Perry County Waste Reduction & Recycling

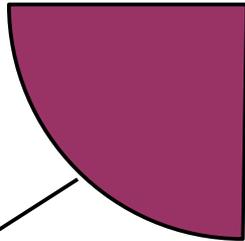
**Are you ready to build a  
WORM BIN OBSERVATION BIN?**

# What is in our trash?

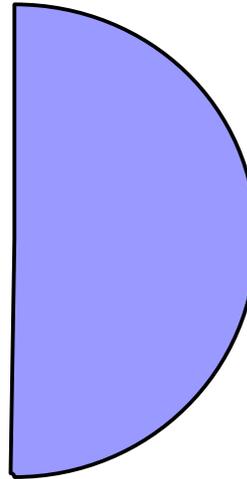
**True Trash**  
**25%**



**Compost!**  
**25%**

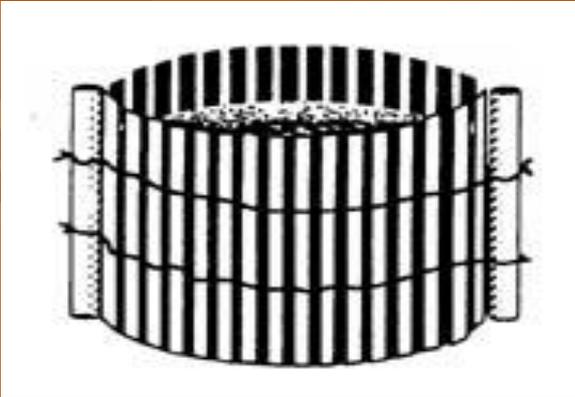


**Recycle!**  
**50%**

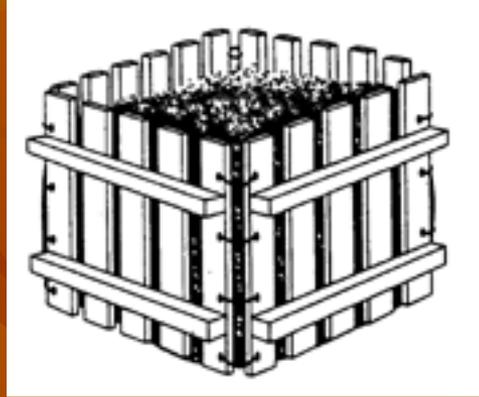


# Do-It-Yourself Compost Bins

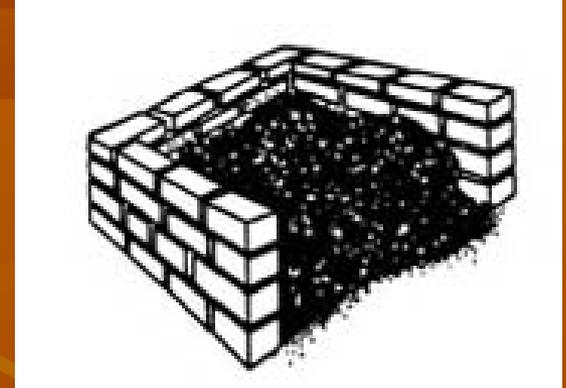
Snow Fence Bin



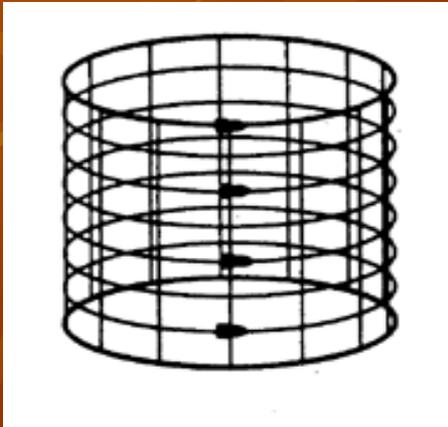
Wooden Pallet Bin



Block Bin



Woven Wire Bin



Turning Bins



Refer to Ohio State University Extension Fact Sheet: Composting At Home

# Commercial Garden Composter

- Ideal for neighborhood use!
- Secure lid to keep out pests!
- Completed compost takes a little longer!

Soil Maker Classic



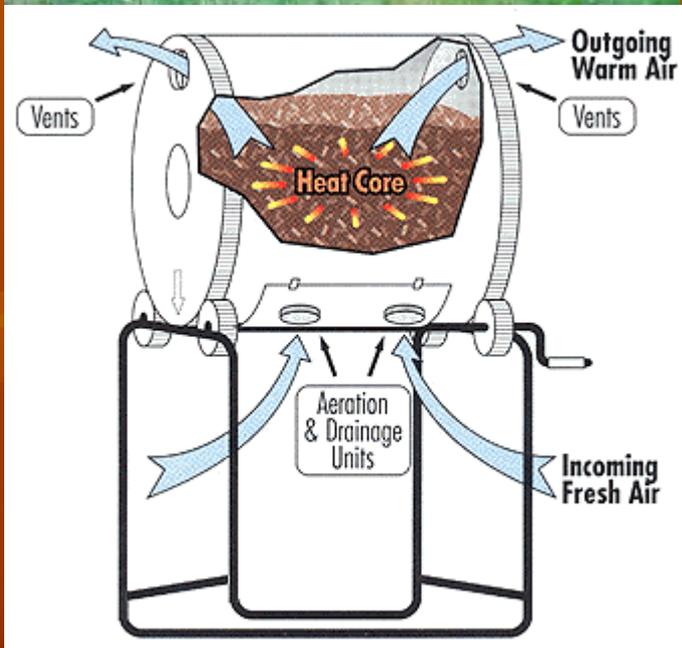
Garden Gourmet



The Earth Machine



# Tumbler







Night Crawler

Red Worm  
Eisenia fetida



Garden Worm



Manure Worm



# (worm composting 😊)

## Vermicomposting

- Use Red worms (Red Wigglers) to decompose kitchen scraps.
- Red Worms Best because they eat a lot and bring their castings to the surface! Plus they have lots of babies!
- Makes a great in home & classroom project!
- Finished Vermicompost can be used to fertilize houseplants or garden plants.
- Ohio earthworms range in length from 1 inch to 2 yards and are found in the top 18 inches of soil.
- Earthworms eat various types of dead organic material, such as fallen leaves and other plant parts. They excrete waste, called castings, that help supply living plants with nutrients.



# Leave It To Nature!?



■ Moisture

■ Air

*Let Decomposers  
Do the Job!!*



What Can Go In My Bin?

YIMBY!!

Yes In My Backyard!





# COMPOST!



Please put your  
fruit~veggie  
bread  
scraps here

# What Can Go In My Bin?



**WHEN GOOD VEGGIES GO BAD, I'M HERE FOR YOU.**

**FOOD SCRAP RECYCLING. MAKE IT SECOND NATURE. [WWW.STOPWASTE.ORG](http://WWW.STOPWASTE.ORG)**

This advertisement features a green recycling bin filled with food scraps. To the left of the bin are a green bell pepper and a red bell pepper. A green speech bubble points from the bin to the vegetables.



**COME NOVEMBER, YOU'RE MINE, JACK.**

**FOOD SCRAP RECYCLING. MAKE IT SECOND NATURE. [WWW.STOPWASTE.ORG](http://WWW.STOPWASTE.ORG)**

This advertisement features a green recycling bin filled with food scraps. To the right of the bin is a carved jack-o'-lantern. A green speech bubble points from the bin to the jack-o'-lantern.



**WHO YA' CALLING GARBAGE?**

**FOOD SCRAP RECYCLING. MAKE IT SECOND NATURE. [WWW.STOPWASTE.ORG](http://WWW.STOPWASTE.ORG)**

This advertisement features a green recycling bin filled with food scraps. To the left of the bin are two banana peels. A green speech bubble points from the bin to the banana peels.

# Concerns

## ODORS!

- **Put in 1-2 tablespoons of tiny pieces of fruit & veggie scraps once or twice a month at most!**
- **Observe worms and see if they eat what you give them; DO NOT overfeed them!**



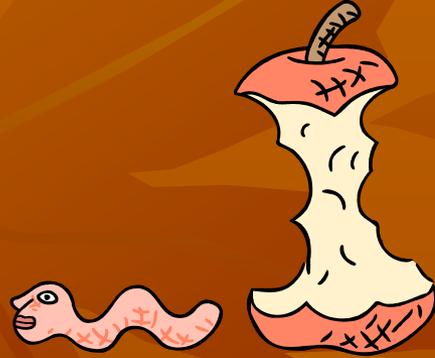








# Experiment & Have Fun!









# QUESTIONS?

When you finish with your worm bin observation project...

- Freeze them for at least 2 days before putting them into your compost pile
- Red worms are great in a compost bin but if they get into our natural environment, they make it very hard for our native plants and animals to thrive and do well in the forest understory