



## Zipper Bag Compost Experiment

### Materials:

- zipper top baggie
- kitchen scraps and grass clippings (Green stuff: Live parts, high in nitrogen which helps produce more protein)
- paper, dead pine needles or leaves from the yard (Brown stuff: dead parts, high in Carbon, helps provide energy)
- water
- (air)
- small portion of soil (optional)

Place the organic matter in the baggie and add about 2 tbs of water to the bag (just enough to get mushy). Seal baggie allowing to ensure there is air in the bag.

Mush up the organic material daily for a few weeks and in a few weeks there will be some rich compost in the baggie.

Observe changes in the materials as they decompose. Do you see the FBI's (Fungus, Bacteria, Invertibrates)\*\*

\*\* as this is in a baggie the invertibrates may not show up.