

**WASTE NOT****LEARNING LOG 5**

NAME _____

DATE _____

**DESIGNING AN EXPERIMENT**

Challenge: Work with your team to design an experiment to find out more about how EM affects decomposition. Start by making a list of your observations about EM.

Our Research Question: What do we want to find out?

Develop a question that you want to investigate about EM.

Hypothesis: Develop a hypothesis that you will test with your experiment. If we do [describe your change]...then... [describe what you believe will happen and why].

Procedure: Describe your procedure. Keep in mind that you will need a way to measure the amount of change. You will need a “control” for your experiment where you do not change anything so you will have a comparison.

Results: Record your observations after three weeks.

Conclusion: What actually happened? Did your results validate your hypothesis? Use the back of this page to explain.