

CALIFORNIA STATE SCIENCE FAIR 2013 PROJECT SUMMARY

Name(s)

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Project Number

J1014

Project Title

Earth: The Great Decomposer with a Boost

Abstract

Methods/Materials

I collected different soils, manure and compost. I buried orange slices, added water on a daily basis and extracted them days apart to see which method was faster at decomposing.

Results

I found out that a sandy soil mixed with steer manure decomposed the quickest.

Conclusions/Discussion

My conclusion was incorrect. I thought that a sandy soil with compost would decompse faster but it was the sandy soil mixed with steer manure that was a faster decomposer.

Summary Statement

My project is to help land fills speed up decomposition so we dont have to keep destroying more land.

Help Received

My father helped me by providing contact numbers to Mr. Lang and Mrs. Neelson who both work for the agriculture department. My grandfather who provided the steer manure and compost from his nursery. My mom for helping stay awake and some typing. My aunt for providing me with the design of my display