

# Ideonella Sakaiensis

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**Problem Definition:** The problem is we have too much trash in our area, Las Cruces, New Mexico. We are trying to get as much trash as we can, out. This is really good for our group because we are learning about how trash works, and how to solve this problem.

**Problem Solution:** The solution to this problem is that we are going to get a microbe named Ideonella Sakaiensis. What this microbe does is it completely breaks down P.E.T after six weeks when it is 86 degrees Fahrenheit.

**Progress to date:** We have researched the microbe, and looking at base models. We found a model for our problem.

**Expected Results:** We want to see the numbers on the graph that are high, go low. We also want to see our area look more clean.