

Project: Bin Man Problem!

2 RATIONALE

I want to learn more about the street environment because the world is ours to look after.

3 VARIABLES

Control:
Area of the street I'm looking at as seen in photo.
Time I check for rubbish (5:30pm).
Dependent:
I'm counting rubbish I see in the fixed area.
Independent:
The day I check the rubbish-
Thursday (no bins) Friday (bin man been)



HYPOTHESIS

1 If the bin man comes then there will be more rubbish in our street.

6 RESULTS TABLE AND DISCUSSION

Thursday rubbish	Friday rubbish	Week
5 pieces	7 pieces	1
6 pieces	10 pieces	2
5 pieces	7 pieces	3

Results Table

It was good to repeat the experiment because there might of been a fluke and you want the results to be reliable .From the table you can see that my hypothesis is supported because on Friday (the bin man day) there are more pieces of rubbish in the fixed area. The 1st and 3rd result are not significant unlike the 2nd result which is in the middle of significant and not significant. A problem I had was not being allowed to cross the road so I couldn't count the tiny bits of rubbish on the on the other side of the road easily. This is because I was stuck on the curb. Next time I could check 2 streets so you can see if this happens to other people too.

CONCLUSION YOU CAN SEE THAT MY TABLE SUPPORTS MY HYPOTHESIS.

4 MATERIALS

Bin man
Our bins
Rubbish
Bin truck
Results table
Pencil

5 METHOD

1. Count the rubbish in a fixed area and write the amount of rubbish before the bin man comes in a table.
2. Count the rubbish in a fixed area and write the amount of rubbish after the bin man comes in a table.
3. Repeat sequence 3 times.

