

Title of Experiment

What bag can hold the most?

Purpose/Introduction

To know what bag will hold the most so when you go to coles. Also to see which one is the strongest.

Hypothesis

I think that the recycle bag will hold the most because it is the biggest. And I think the plastic bag will hold the least amount because it is the smallest.

Materials

- At least 4 different bags that can be used to hold shopping. For example: plastic bag, paper bag, material bags. See examples below.
- Some items of shopping. For example: milk, cereal box, pasta, cans, fruit, vegetables.

Reusable and recycled bag	Plastic Bag	Paper Bag	Material Bag
			

Method

Use one bag at a time and place each item of shopping inside. Fill the bag until it can either hold no more shopping or you cannot lift it.
Observe how many items each bag can hold.
Observe what happens to the material as you fill the bag.

Results/Data

Bag Description	How many items it can hold	What happened to the material?	Further Notes
e.g. plastic bag	7	It got some holes in it	no
Paper bag	8	It stayed the same it just got heavier	no

Material bag	5	It felt like it wasn't going to break	no
recycled bag	15	It was strong but was so heavy	no

Discussion

I learnt that all of them are stronger than the plastic bag. The recyclable bag is the best because it fits the most, it is strong and you can use it again. You can use them to throw out rubbish with it and you can use it for a present. It is a useful piece of knowledge because it can be used for a lot of things and if someone has covid 19 and they touch it you can research it.

Conclusion

I was right!!!!!!!!!!!!!!