

WALT: conduct an investigation.

Science

Let's Investigate!



WALT: investigate ways we can make objects move without physically using our hands.

Question:

Can we make small objects move without using our hands?

Let's Investigate!



Question:

Can we make small objects move without using our hands?

Make a prediction

I predict...

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How could we investigate this?

You could use:

- polystyrene plates
- balloons
- small bits of paper



There are balloons and paper plates in the school office if you need some.

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Independent Variable

I am going to change the amount of force used on the object.

Dependent Variable

This will effect if the object moves.

Controlled Variable

I am going to keep the same object to test.

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Equipment

*Balloons/paper plate/small bits of paper

*Different surfaces

Method

- 1) Gather equipment needed
- 2) Use different surfaces to see if the object can move
- 3) Record results

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Table of Results

Surface	Did it move without using my hands?
Kitchen worktop	
Carpet	
Wall	
Chair	

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Conclusion

Was my prediction correct?

My prediction was correct because I was able to make the balloon move without using my hands.

Conclusion

From my investigation, I conclude that objects can be moved without the use of hands. I think that this is caused by static electricity.

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Conclusion

What would you do differently next time?

Next time, I would try the investigation with a different object to see if I get the same results.

How was a high degree of trust established?

A high degree of trust was established because I used the same amount of force on each object to make it move therefore it makes my investigation reliable.