

09/14

Paperclip Investigation

#4

Agenda

- Finish the conclusion
- write the discussion
- Journal check

Exit Task

Your investigation write up is complete

Tape your graph under or near the data table.

1. Finish your conclusion.
2. Make sure your journal is ready for the journal check!

Learning target:

I can discuss my investigation using scientific words.

-  Sit up
-  Track the speaker
-  Ask questions
-  Respect your partner
-  Stay focused

Conclusion

Tape the graph into your journal after the data table.

RAPS Conclusion

R – Write a sentence to state whether your hypothesis was correct or incorrect.

A – Answer the investigation question.

P - Provide supporting data for evidence: include the high **and** low average quantities with units.

S – State your conclusion using comparative language: make a conclusive statement by comparing your high and low average values using units and the difference in your data. (e.g 5cm more than.....)

In conclusion the _____ magnet picked up 100 paperclips in _____ seconds less than the _____ magnet.

Learning target:

I can write a procedure that can be copied by another person.

-  Sit up
-  Track the speaker
-  Ask questions
-  Respect your peers
-  Stay focused

Discussion Write as a paragraph or two.

-Why do you think you got the results you did? Use your background experience and knowledge of science to explain the reason for the differences in your data.

-Report any variables not controlled and how they might have affected your results.

-What would you do differently next time to make your investigation more valid and your data more reliable?

-What are the limitations in your investigation(How might your conclusions be overgeneralised from limited data or bias?)

-I wonder...? What are your next questions?

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