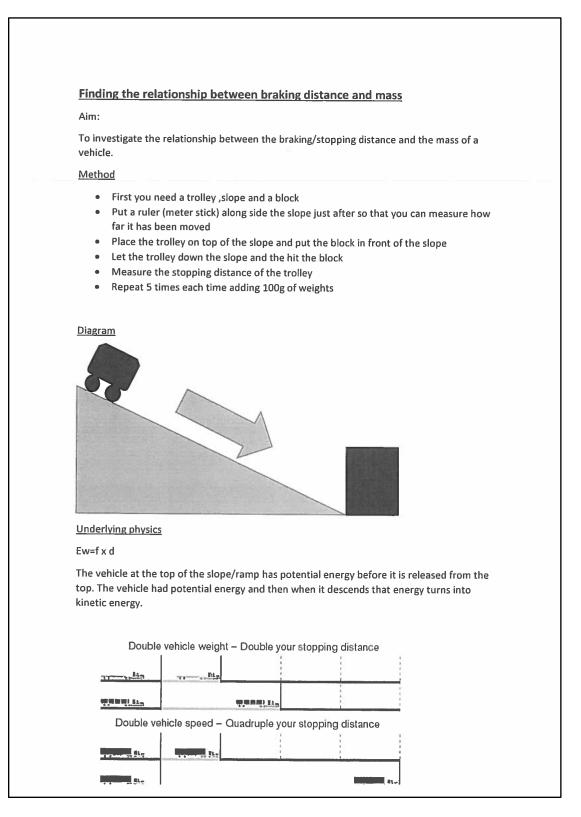
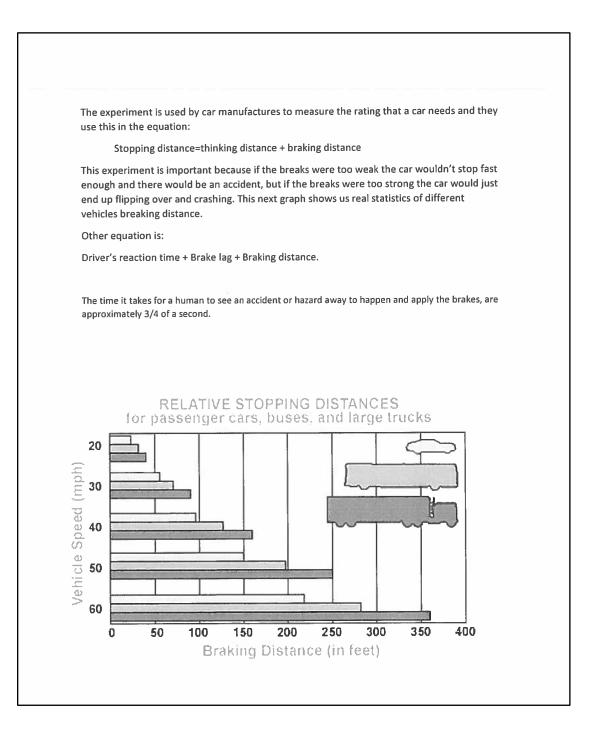
Candidate 4 evidence





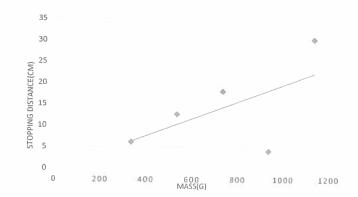
Sources:

http://www.truckitsmart.com/latest-news/tips for driving in poor weather

https://www.sgi.sk.ca/individuals/licensing/studyguides/airbrake/brakes/stopping.html

Results table:

	Stopping Distance (cm)			
Mass(g)	1 st	2 nd	3 rd	Average
332.9	6.1	5.8	6.6	6.17
532.9	12.5	12.9	12.6	12.67
732.9	17.9	18.1	17.9	18.0
932.9	24.6	23.8	23.8	24.1
1132.9	28.4	31.1	31.1	30.2



<u>Analysis</u>

I found that my results were similar to the sources in the word document

Conclusion:

The relationship between the braking distance and the mass of a vehicle is that if you increase the mass, the braking distance will increase also.

Evaluation

The measuring of the stopping distance used by a ruler could have been done a lot more efficient, in the future I would advise to making sure that I and other people correctly measure the distance correctly.