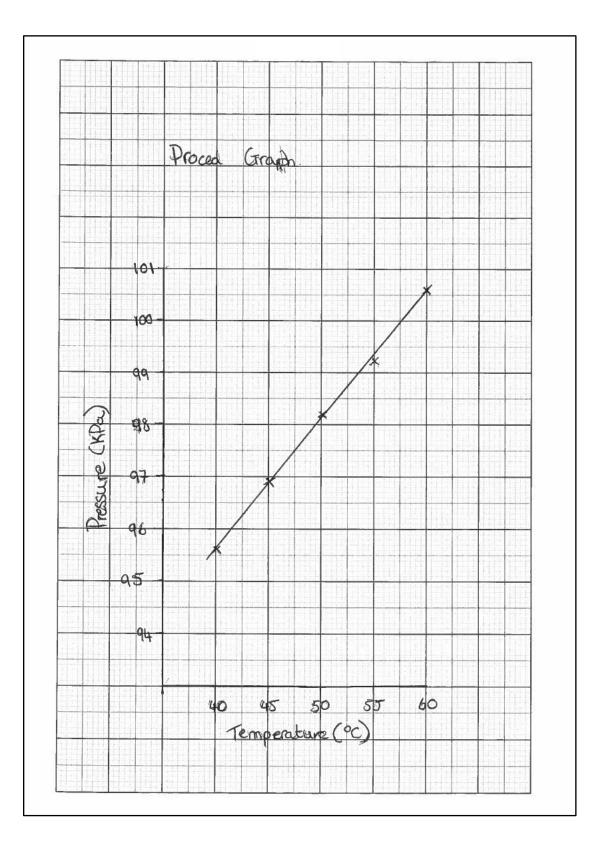
Candidate 1 evidence

Pressure and Temperature
Aim:
My aim is to see what happens to the pressure as you change the temperature in a fixed max of gas.
Underlying physics:
This experiment was done to observe the relationship between pressure and temepreture. The pressure and temperature me directly proposional to each other; this means that as one increases so does the other. This is do as the particels get heated up they gain kinetic energy due to this thy start to estrike the container walts per unit area, this then means' the pressure of "the container increases.
Description of Experiment:
"I measured the pressure of the flask as I changed the temperature, using a water bath
• I changed the temporature of the flash by talking it out the water brith.
· I reconnect the pressure every 5°c chipp
• I got my results by looking at a data logger

Experimental data: Pressure KPa Temperature ° C. Keaults 1 Results 2 Results 3 Average 60 100.5 55 99.5 50 98.3 97.1 96.8 97.1 96.8 96.7 97.1 96.8 95.7 95.7 95.5 97.1 95.5 95.7 95.7 95.5 95.7 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.6
Graphical prosentation:
Data for internet source:
2.0
250 300 350 400 450 500 550 600 650
<u>T got this graph from the internet</u> , the URL: <u>https://introductiontogaslaws101.weebly.com/gay-lussacs-law.html</u>



Analysis: to the similar he 21 are raph 00 Valial as Ele 1.0 出 are 6 Reinco Onducion TOM an 2 nessin Temendue n J-em am ippen ofler tle 1 paneose erneages one nones cr durcaser FLIG ø ination tor tle to experimon ne any insid Hb all H 79-1 improv M mu ex Dovinen th 6 dain DV the telhe PATO minimise am average end Refrances: got Following all informatio m ram A ļ Phys R 978-1-444 -TSB 843 0 Webs acis messure rch etermino 12-2000