

Dec 28th, 2025= did the question, hypothesis and prediction +gathered sources for background research

Dec 30th, 2025= did many sources for background research taking notes on them

Jan 1st and 2nd (midnight)= did most of background research, finished rough draft of materials and variables

Jan 2nd: did rough draft of half of procedure and came with idea for two out of four tests

Jan 3rd: finished up the background research with last sources about calculating heart rate and RCD, designed logic test

Jan 4th: started on designing the tests doing some of the questions

Jan 6th= started making the wordsmith test, finished wordsmith test (v1 and 2), did one pattern question on V1

Jan 13th: Did the why method works section

Jan 15th: Made answer key and mostly finished the pattern shape questions for both V1 and V2 sourcing questions from [intelligencetest.com](https://www.intelligencetest.com)

Jan 16th: Finished pattern shape questions for both V1 and V2, finished spot the difference test as well sourcing from shutterstock.com, for attention test part finished too,

though of rough idea for how much time per test

Jan 17th= did the experiment with 9 subjects, group 1 and 2 done at same time at about 1 and group 3 done later in the day around 8:45, marked some tests

Jan 18th= finished marking tests, put in data in a spreadsheet, added a point to what method ensures and did why this is important section

Jan 25th, 2026= compiled sheet data into graphs/charts, wrote the failed wordsmith test and started on analysis, put link to sheet in results page

February 5th, 2026= did same test again with different groups to redo the failed wordsmith test and do better version of pattern recognition test, and marked (finished) the tests

February 13th= compiled tests into sheet data from second test, compiled data sheets into charts for second test

Feb, x, 2026: did most of analysis text area

24th february= researched a slight bit more on the brain lobes, then started in analysis how exercise changed each lobe

25th february= did graph description, finished analysis and conclusion, starting to concise background research,

worked on sources of error and next steps

26th february= looked over everything and refined where needed, finished logbook

27th february= looked over, refining the aesthetics of the slides

28th february= added to analysis a bit about spot the difference test, put info on slides into CYSF platform

March 1st= printed out slides at staples, compiled into trifold

March 2nd= school science fair takes place