Music our Memories Friend or Foe?



Please click to turn on our music

Step 1 Decide on your trial question

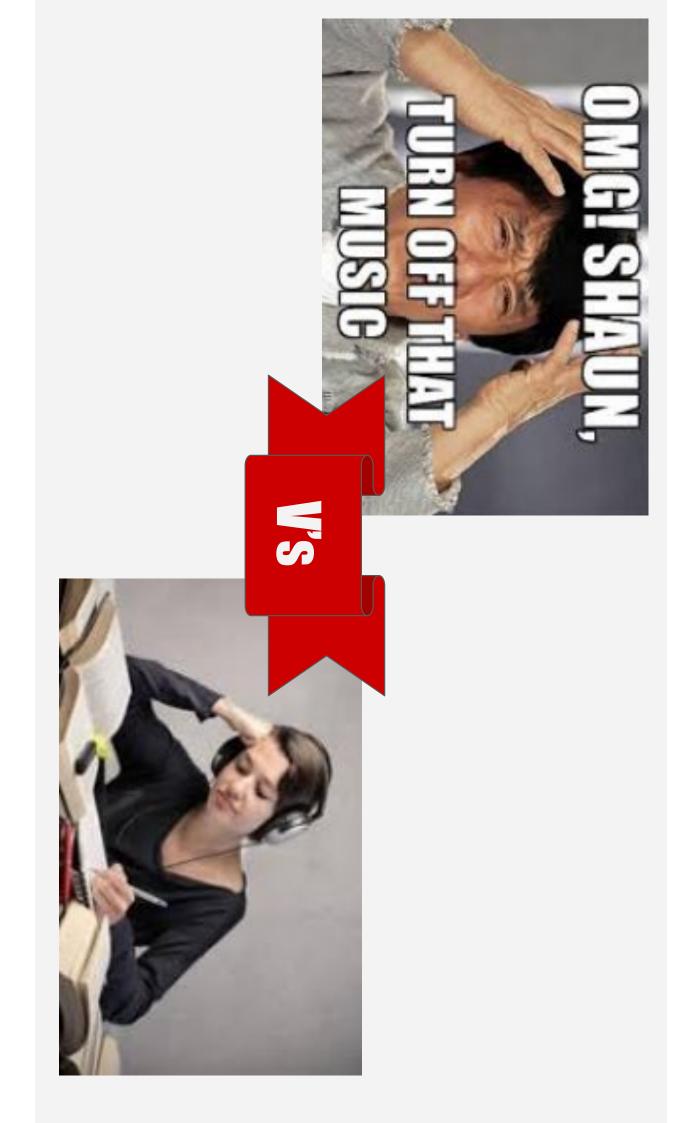
Our Question is: Music: Our Memories Friend or Foe? said we would look at things our parents tell us to do and not to do and would they We were discussing what to do for our trial and in our brainstorming sessions we

be right??

memory (as some of our homework is learning) yield different results if we did them and we settled on our question. We wanted to see would doing tasks involving our Music and homework came up as one of the areas where our parents have rules

with or without music

that music can help improve our memory? certain smell or hear a certain song - could we prove our parents wrong and show We all have experience where we remember certain memories when we smell a



Register your trial Step 2

everyone know that there was a trial taking We needed to register our trial to let was time to register our trial When we had settled on our question, it place in our school

and money! especially in medical fields - saving time could save duplicating the same trial they have already taken place and you It is important to register trials too in case



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Trial Registration Form

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Our Registration Form ready for sending!



Step 4 Identify who is taking part in your study

As we are a small school with a total of 15 pupils, the whole school had to take part in our trial including a teacher and the SNA.



Consent Forms

to get consent from everyone taking part. It is important to get consent before taking part in a trial as without consent, you cannot run your trial. Before we could begin testing our subjects, we like in any clinical trial needed



Signing Our Forms

Step 5 Divide up your Trial Subjects

groups fairly. One infant to each group and so on up the school. We felt this was As our entire school was taking part in the trial, we tried to split the groups fairly. eventually decrease!! Our two groups were called: We assigned one adult to each team and then divided the pupils in age and class increases with age - up to adulthood when it begins to level out and then important to have an accurate reading of the results as we all knew that memory

THE TEST GROUP

THE CONTROL GROVE

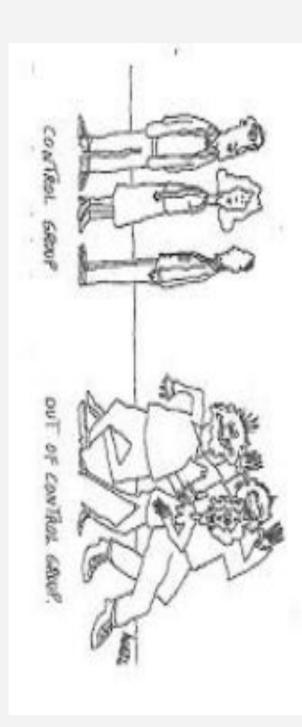


The Test Group were the group assigned to complete the tests with music!

THE TEST GROUP

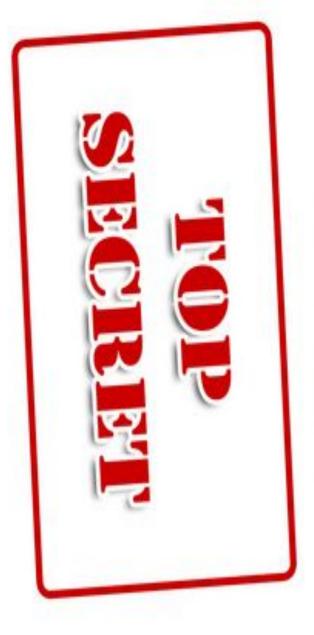
THE CONTROL GROUP

The Control Group were assigned the task of completing their tests in silence.



Step 6 Make it a secret (If you can!)

Being a small school, keeping the control group from knowing the test was difficult as some of us were in the group and we knew what was happening. We did manage to keep knowing on a 'needs to know' basis and more than 50% of each team had no idea what we were doing.



Step 7 Conduct your study

course of three weeks. We decided to administer our tests one a week over a

Week 1: Letters Test

Week 2: Pictures Test

Week 3: Animal Duplication

The Letters Test

remember and moved on to remembering ten they had seen. The test began with 2 letters to were gone from the screen, remember those letters in the final round. letters for a short period of time and when they In this test, the subjects had to view some

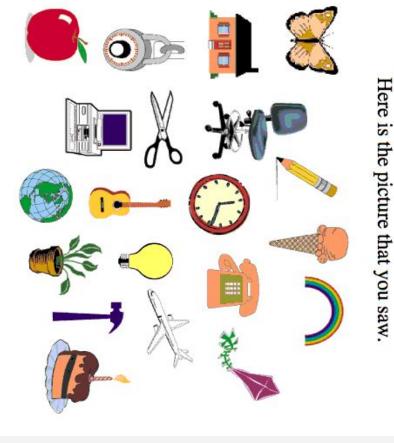
https://faculty.washington.edu/chudler/stm0.ht Here is the test we used:



The Pictures Test

In this test subjects had to view a set of pictures for a short period of time and remember what they had seen! Here is our test picture.

Here is the link to the test: http://faculty.washington.ed u/chudler/puzmatch3.html

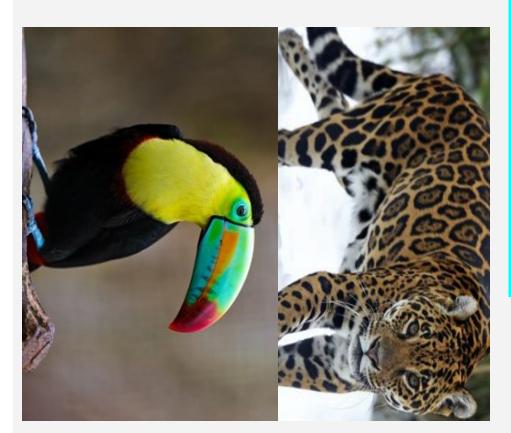


How many objects did you remember?

Animal Duplication Test

For this test, the subjects had to press the space bar on their computer whenever they saw a repeated image of an animal.

e-short-term-memory-tests-online/ http://www.memorylosstest.com/fre Here is a link to the test we used:



Each group was tested away from each other and unaware of what the other group were doing!







©hrbtmrn #clinicaltrial



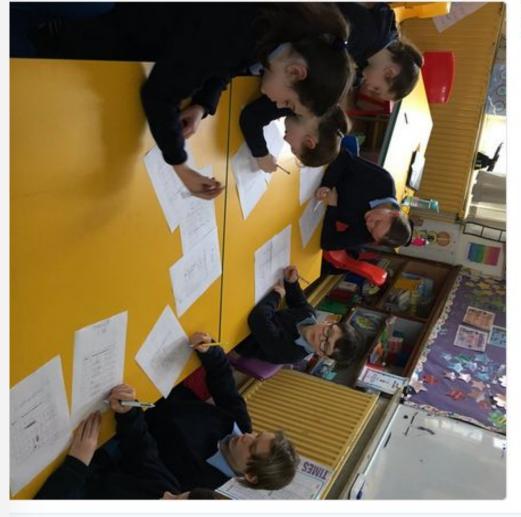
Step 8 Report your findings

Following each of our tests, we recorded our findings in graph form and on adding all the totals in each group we were able to determine an average score for each.

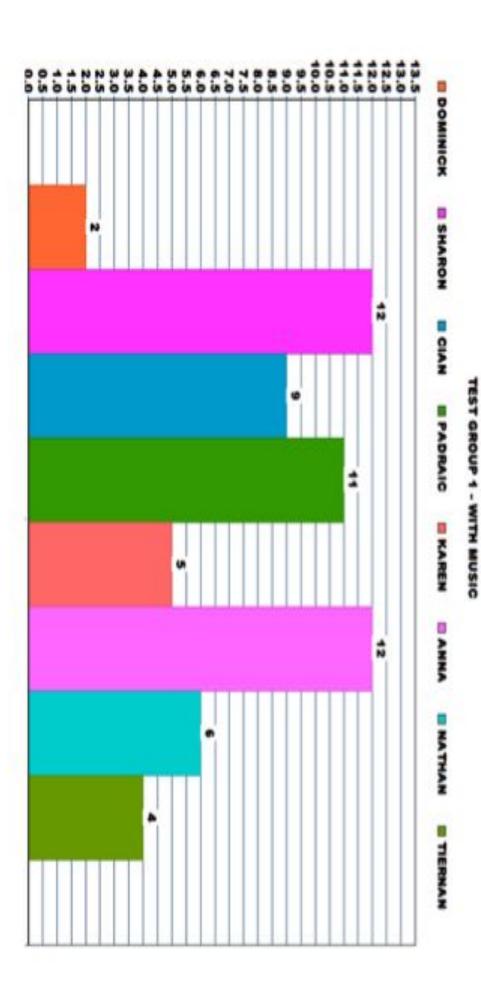


Cloghans Hill NS @ScoilAnClochain · Feb 21 Working out the results from test 2 of our @hrbtmrn clinical trial!

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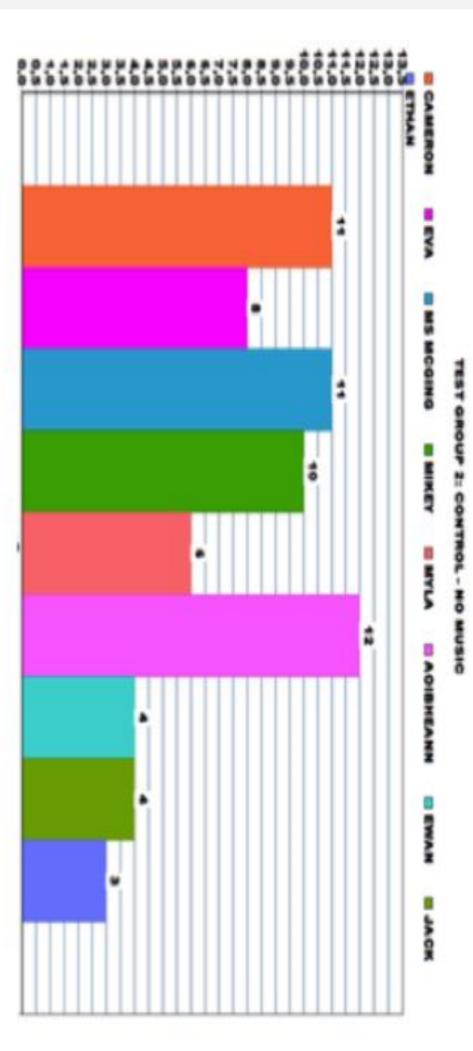


Week 1 – Short term Memory: Letters

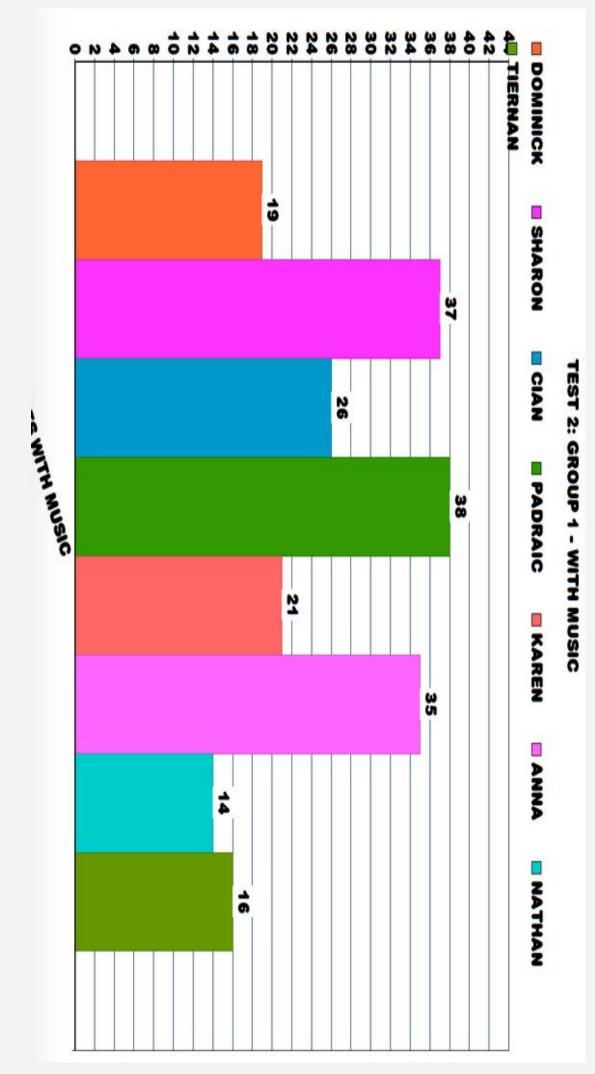


Total Score: 61 Average: 7.625

Week 1 - Short term Memory: Letters



Total Scores: 69 Average: 7.6

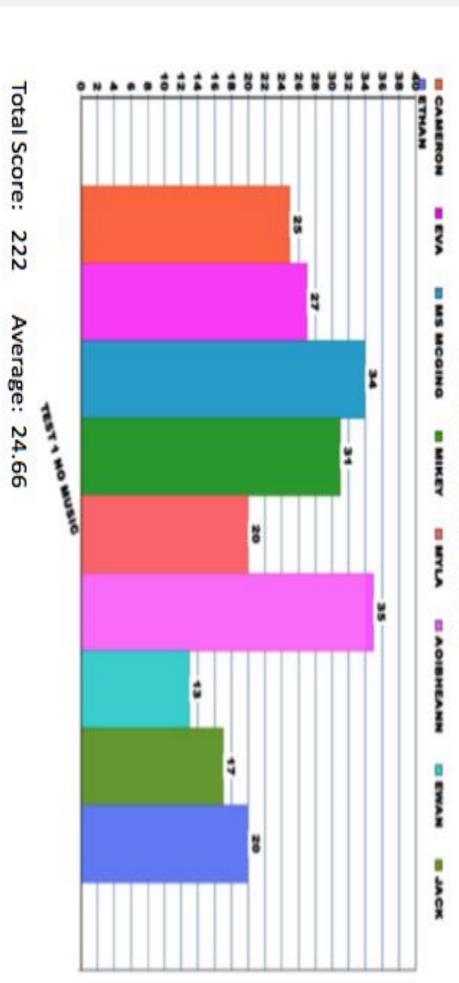


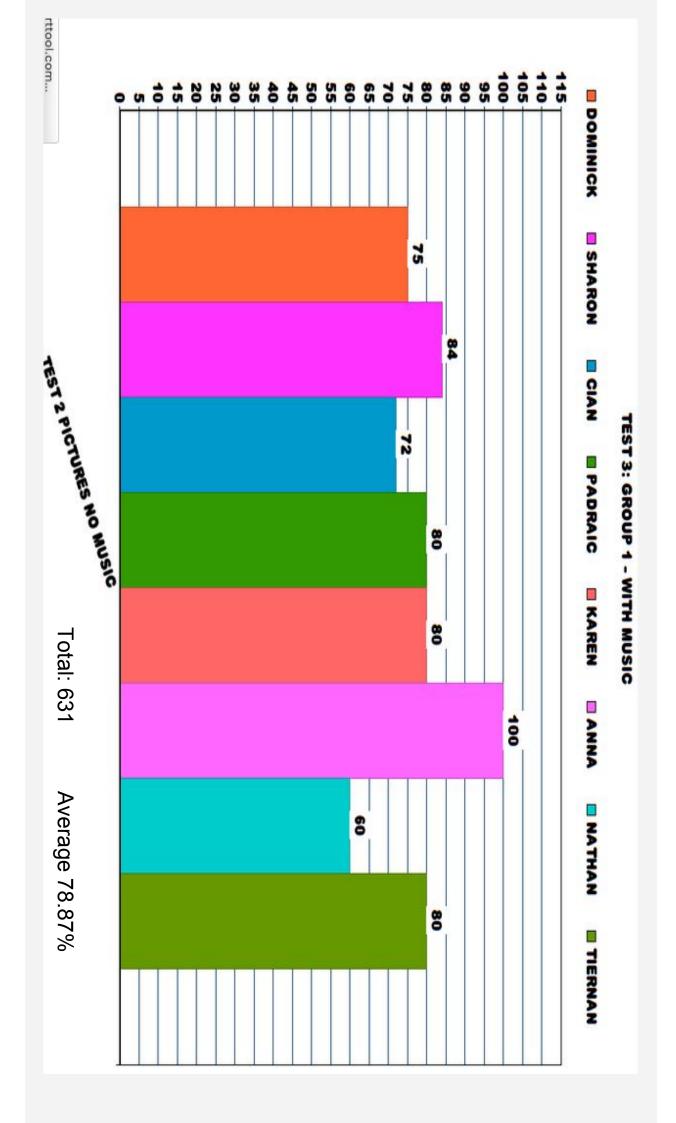
Total: 196 Average: 24.5

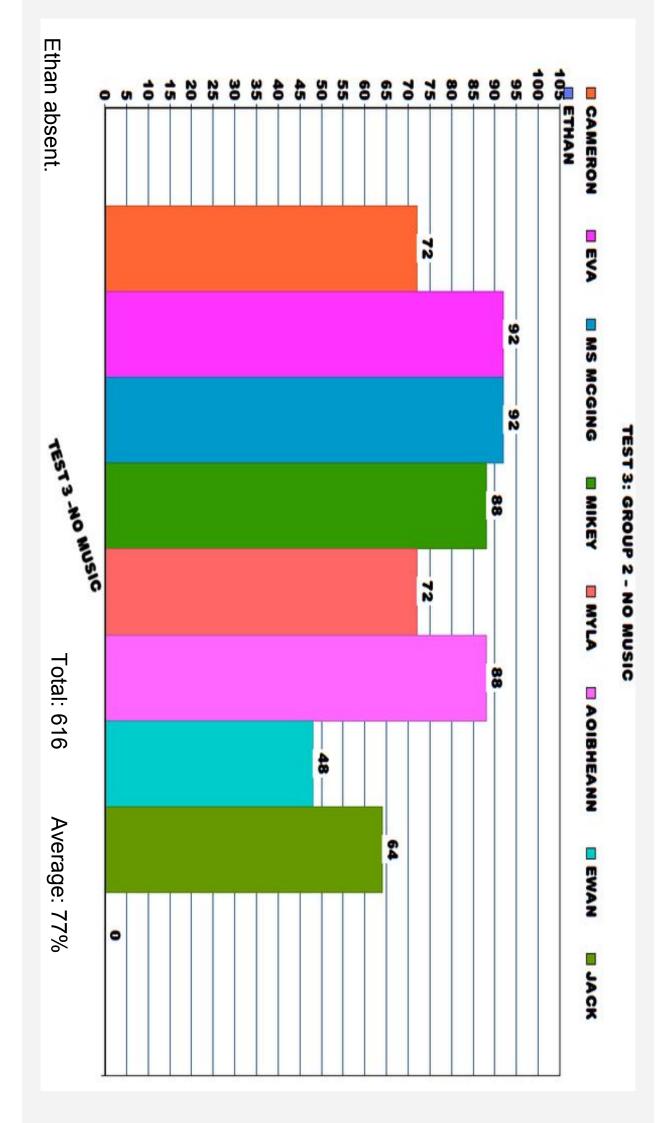
Week 2 – Short Term Memory:

Pictures

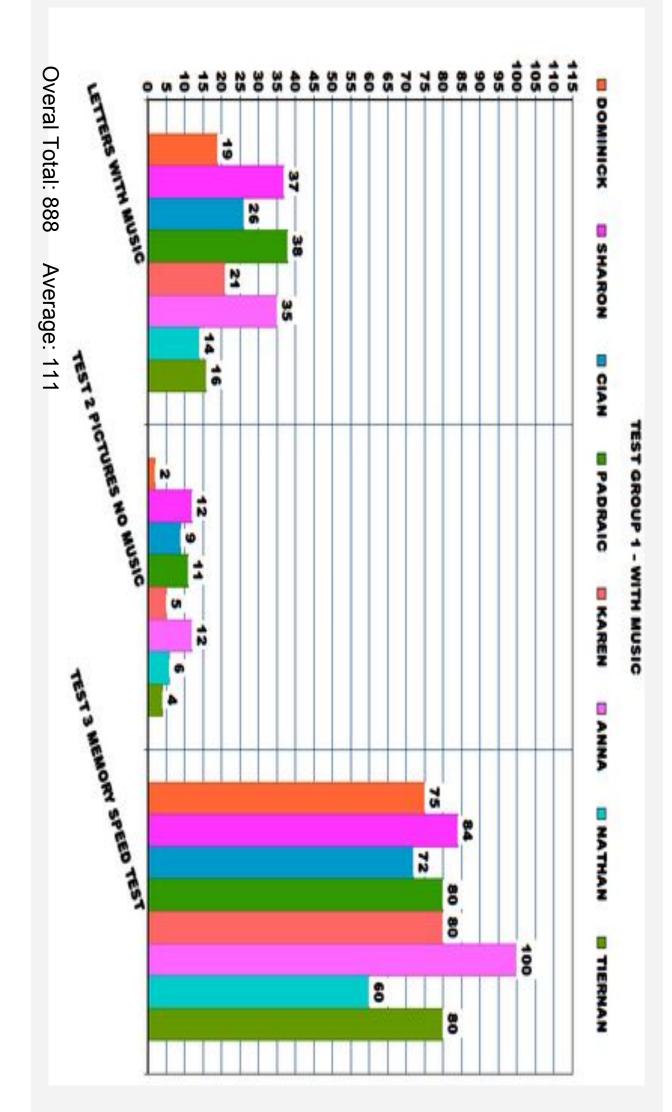
TEST GROUP 2: CONTROL - NO MUSIC

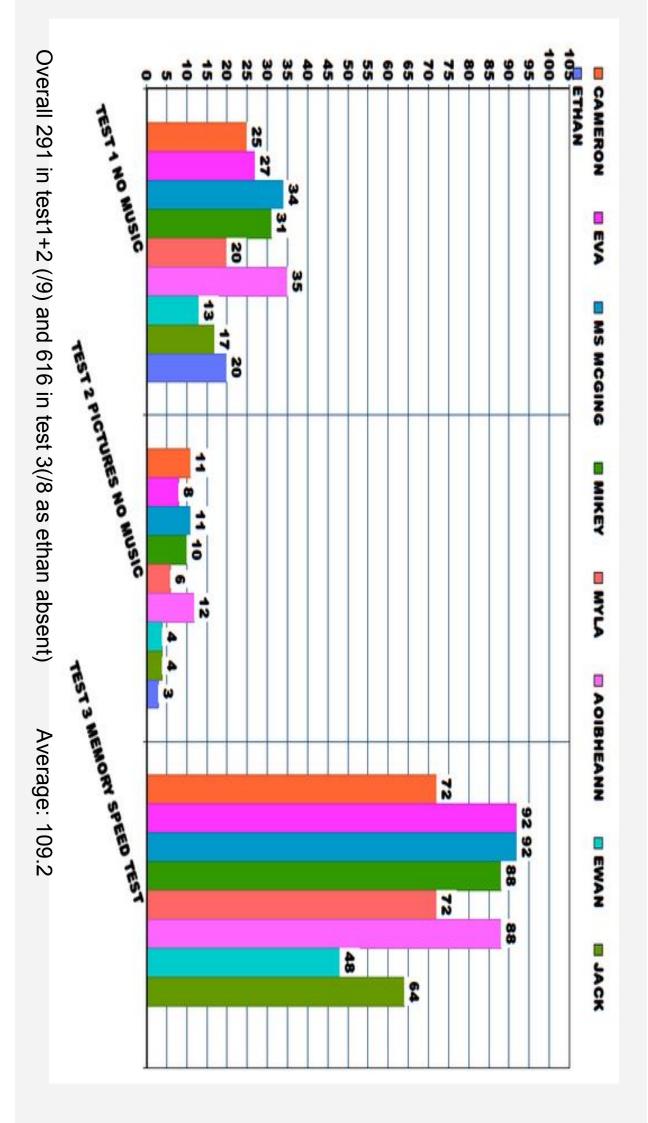






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getting a chance to understand the steps involved and the reasoning for all We really enjoyed taking part in and planning for our clinical trial. We loved planning of the tests and keeping it a secret! the different parts of hosting a trial from the test v the control group to the

We had difficulty keeping our trial a secret in such a small school but we did manage to keep it from the juniors until the very end!

finding which tests we would administer! We loved researching the best way to examine and test ones memory and

music which the next slide will talk about! determine an answer to our question. Could it have been a different type of music that would have yielded different results - we did use nice relaxing Now that the test is over, we are already thinking of what else could

Minimise Distractions

Turn off your phone and the television when you are studying. Music can sometimes help with studying, but only those soft instrumentals types. You need to focus when you study with full concentration and effort. Set a goal for each study session so you know precisely what you are supposed to achieve at the end of every session.

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STATISTICS IN COLUMN

Another thing we would each like to check is our very own personal results be similar to those of the groups?? results tested the two different ways - would our own

Is there a difference between boys and girls?

people rather than older or vice versa? Is there are difference age wise would music help younger





