

AIM

Our aim is to investigate if age and gender affects memory.

MEMORY GAME

QUESTION

Which gender has a better memory in the morning than in the afternoon?
Which age group has a better memory?

HYPOTHESIS

- We hypothesise that boys will have a better memory in the morning, while girls will have a better memory in the afternoon.
- We hypothesise that the older students will have a better memory than the younger students.

ANALYSIS

Our first hypothesis was not proven as the results were inconsistent. In Year 3, girls had better memory than boys. In Year 4, boys had better memory than girls. In Year 5, the results came as being even and in Year 6, the girls had better memory than boys. We also found that all students had a better memory in the afternoon than in the morning.

Our second hypothesis was proven correct, older students have a better memory than younger students.

BACKGROUND INFORMATION

Memory is our ability to encode, store, retain and recall information and past experiences in the human brain. Studies have shown that our short term memory is very limited, therefore it is important to build the capacity and improve memory.

METHOD

1. In the morning, select 3 boys and 3 girls from each grade.
2. Present a table of 25 different objects and advise they have 2 minutes to memorise as many words as possible
3. Present a blank table for students to write down as many words they can remember. They have 2 minutes to do this
4. Repeat test with the same students in the afternoon

EQUIPMENT

- Pencil
- Table of 25 objects and blank paper
- Stopwatch (2 minutes)

