

# "The Impact of a Typing Quiz Game on Vocabulary Retention Among B1 Level English Learners"

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# A G E N D A

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- Rationale
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## Rationale:

Vocabulary learning is important for B1 level English learners to communicate effectively in daily situations. However, many struggle with retaining new words. Gamified learning offers an engaging way to practice both skills. This study explores how a typing quiz game can enhance English proficiency in a fun and interactive manner for B1 learners.



## PURPOSE

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The purpose of this study is to investigate whether a typing quiz game can enhance vocabulary retention in B1 level English learners.



# RESEARCH QUESTIONS

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1. How does a typing quiz game affect vocabulary retention in B1 level English learners?
2. How can digital learning tools support language development and motivate learners to practice more effectively?



# METHODOLOGY

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## Game design

- Created a typing quiz.
- Used B1 vocabulary words.
- Set time limits for typing each word.

<https://yuriyuriyuriyur.github.io/trail/>

## Welcome to Typing Quiz Game!

How to play:

In easy mode, type the displayed word.

In normal mode, type either the definition or the word.

A hint will appear after 5 seconds.

EASY

NORMAL



- in easy mode, participants need to type the word for repetition
- after 5 seconds, a hint will be shown
- time will decrease by 5 seconds as they progress

scold

*Hint: (v), /skould/, Synonyms: admonish*

Score: 0

Time Left: 48s

Skip

- in normal mode, participants need to type the word based on the definition given
- after 5 seconds, a hint will be shown
- time will decrease by 5 seconds as they progress

to see or become conscious of something or someone

*Hint: Pronunciation: /'nəʊtɪs/, Synonyms: observe, perceive, detect*

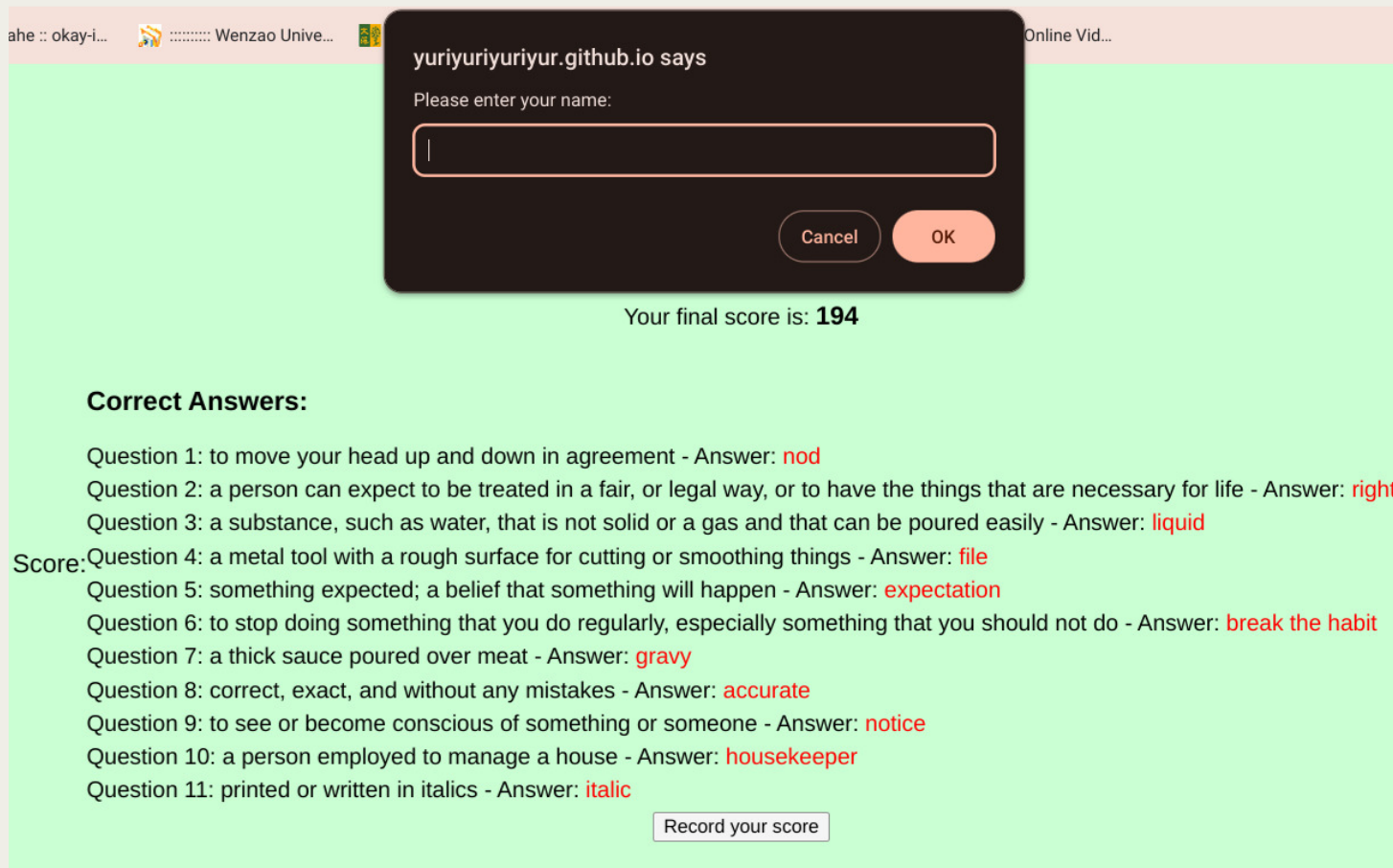
Score: 120

Time Left: 142s

Skip



- after the test, correct answers will be shown and participants are required to enter their names to record their progress.



The screenshot shows a web browser window with a modal dialog box in the foreground. The dialog box is titled "yuriyuriyuriur.github.io says" and contains the text "Please enter your name:" followed by a text input field. Below the input field are two buttons: "Cancel" and "OK". Below the dialog box, the text "Your final score is: 194" is displayed. Below that, the section "Correct Answers:" is followed by a list of 11 questions and their corresponding answers. The answers are highlighted in red. At the bottom of the page, there is a button labeled "Record your score".

Correct Answers:

Question 1: to move your head up and down in agreement - Answer: **nod**

Question 2: a person can expect to be treated in a fair, or legal way, or to have the things that are necessary for life - Answer: **right**

Question 3: a substance, such as water, that is not solid or a gas and that can be poured easily - Answer: **liquid**

Score: Question 4: a metal tool with a rough surface for cutting or smoothing things - Answer: **file**

Question 5: something expected; a belief that something will happen - Answer: **expectation**

Question 6: to stop doing something that you do regularly, especially something that you should not do - Answer: **break the habit**

Question 7: a thick sauce poured over meat - Answer: **gravy**

Question 8: correct, exact, and without any mistakes - Answer: **accurate**

Question 9: to see or become conscious of something or someone - Answer: **notice**

Question 10: a person employed to manage a house - Answer: **housekeeper**

Question 11: printed or written in italics - Answer: **italic**

Record your score

# PRE-TEST VOCABULARY VIA GOOGLE FORM

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## Pre-test of Vocabulary

Hello pre-test takers, I am Yuri Ando and I want to send my gratitude to you for being part of my thesis study. Below are 60 B1 Level English words to assess your vocabulary skills. Please read the instructions carefully. Have a fun test.

sittihoneymaemaing@gmail.com [Switch account](#)



Not shared

\* Indicates required question

- **vocabulary assessment**



## RESULTS AND DISCUSSION:

PARTICIPANTS SHOWED INCREASE IN VOCABULARY RETENTION COMPARE TO THEIR PREVIOUS SCORES

Participants	First attempt (out of 20)	Second attempt ( out of 20)	Improvement
Participant 1	12	16	33%
Participant 2	14	18	29%
Participant 3	10	13	30%
Participant 4	13	17	31%
Participant 5	15	18	20%
Average	12.8	16.4	28%

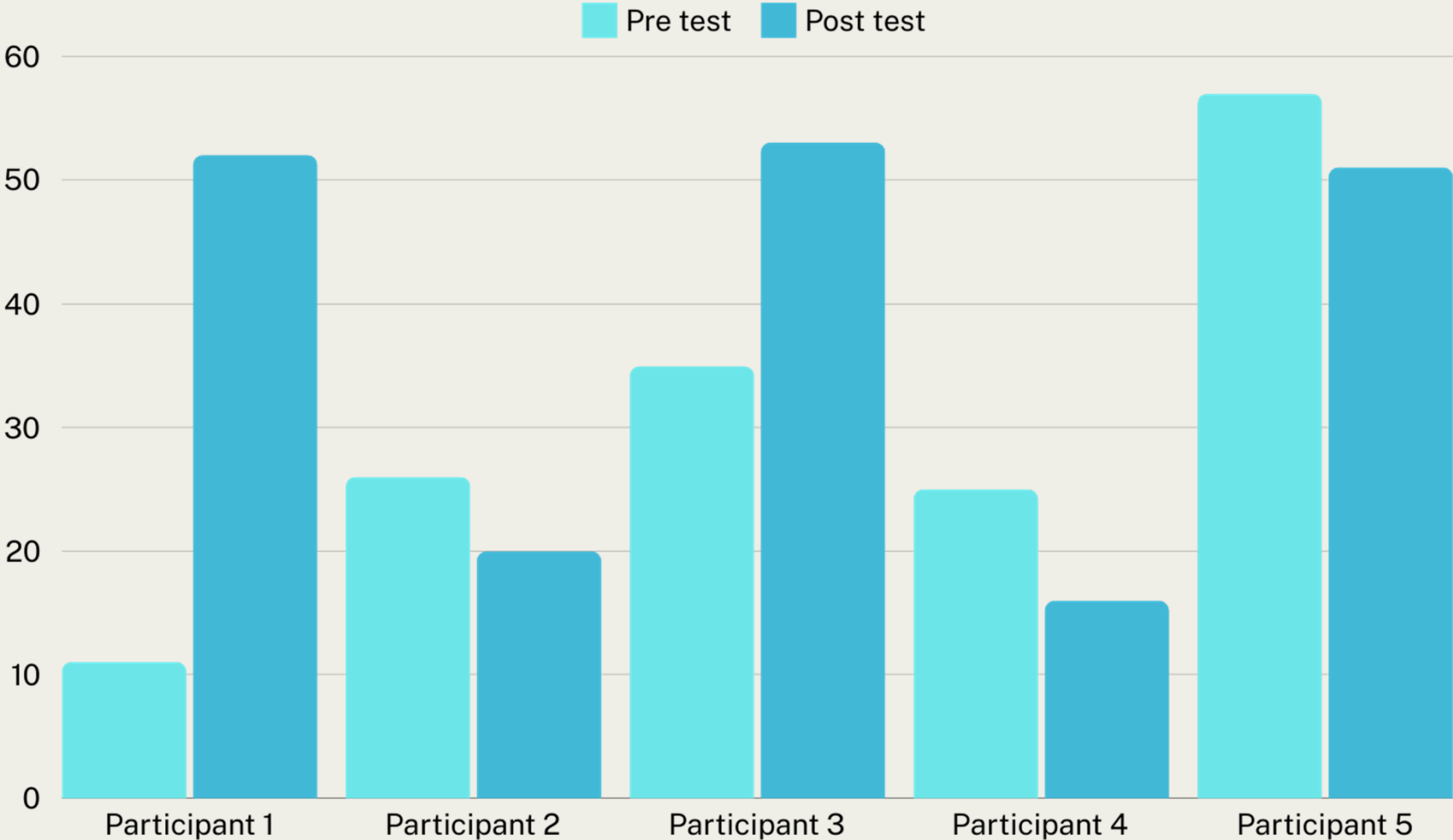
TABLE 1:  
TYPING  
QUIZ  
GAME

# SPSS STATISTICAL SUMMARY OF TABLE 1:

Measure	Value
Mean ( First Attemp)	12.8
Mean ( Second Attemp)	16.4
Std Dev (First Attempt)	1.92
Std Dev (Second Attempt)	2.07
p-value	0.000125

There was a **significant improvement** from the first attempt (M = 12.8) to the second attempt (M = 16.4), suggesting that **participants performed better on their second attempt.**

**TABLE 2: GOOGLE FORM**



## PARTICIPANTS FEEDBACK

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- P1: “The game made me more confident in remembering words and typing them faster.”
- P2: “It was fun, and I feel like I improved both in speed and in learning new words.”
- P3: “I found the game challenging at first, but it helped me get better at typing.”
- P4: “It was a great way to practice, and I enjoyed learning new words.”
- P5: “ I think these kind of games can help improve my English skill”

**Most participants found the game enjoyable and reported an increase in both vocabulary retention.**

# CONCLUSION

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1. How does a typing quiz game affect vocabulary retention in B1 level English learners?
  - It helps them remember target vocabulary by repetition and motivates them to improve their personal scores.
  - Research indicates that **game-based learning** (GBL) strategies, including typing quiz games, enhance vocabulary retention and usage among B1 level students.



# CONCLUSION

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2. How can digital learning tools support language development and motivate learners to practice more effectively?

- Digital learning tools play a crucial role in supporting language development and motivating learners to practice more effectively. These tools leverage technology to create engaging, personalized, and interactive learning experiences that enhance language acquisition.





Thank you!

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