Using iPads to Increase Student Cognitive Engagement and Check for Understanding

LITT Presentation

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Fall 2014

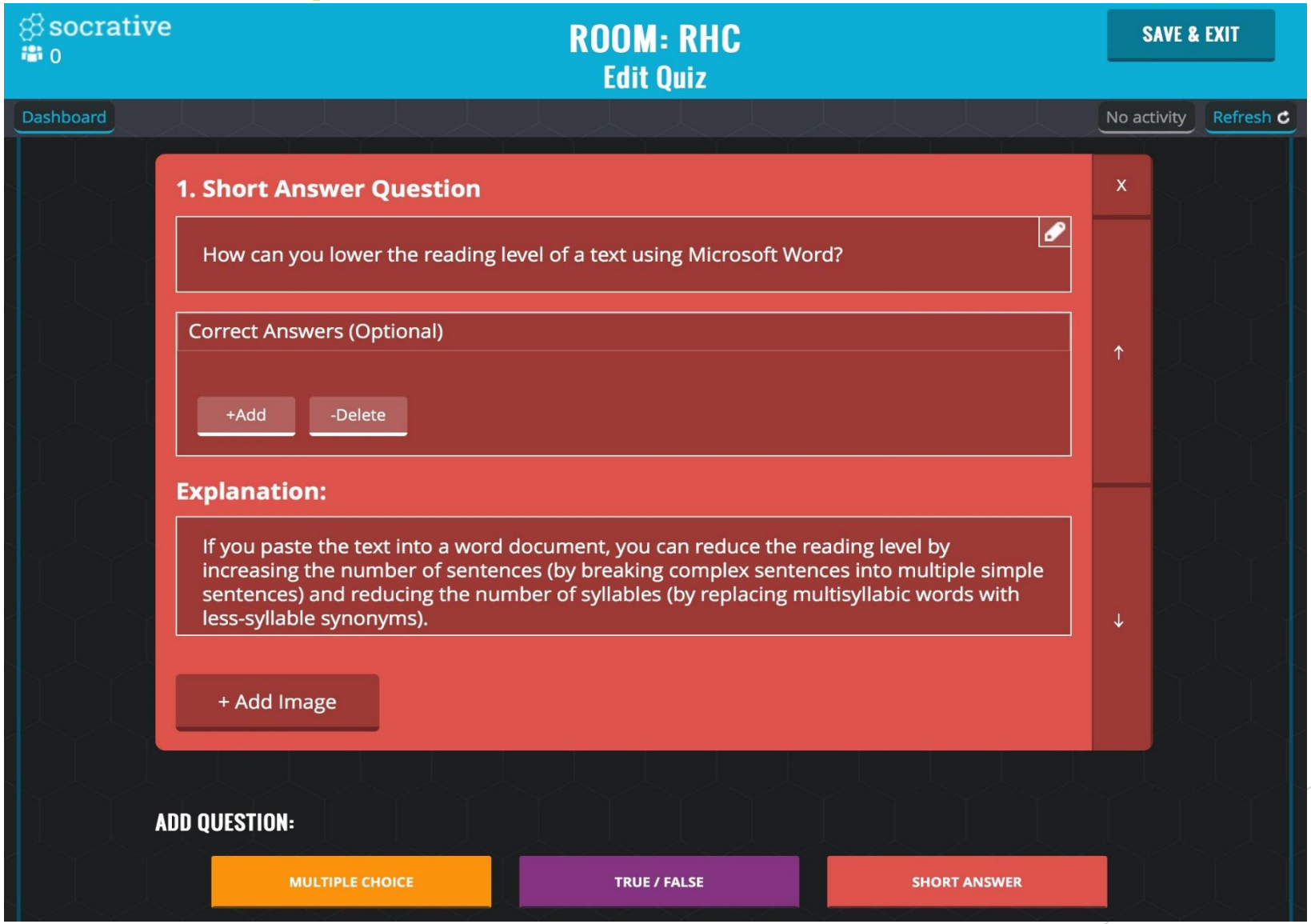
Project Goals

- Use technology (iPads and apps) to support my teaching and check for my students' understanding
- Model ways my teacher candidates can use such technology in K-12 classroom settings
- Create dialogue about the strengths and challenges

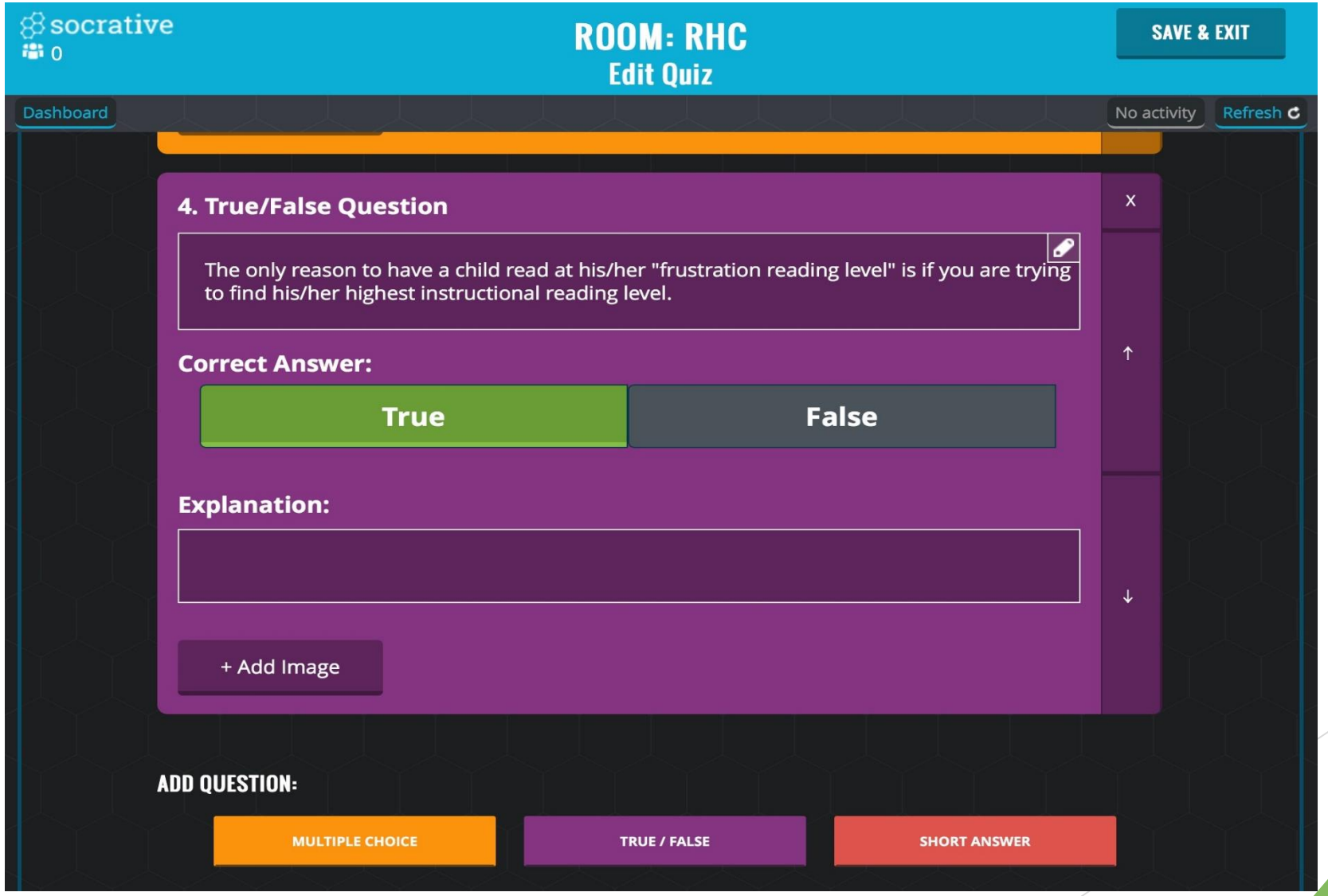
Socrative

- FREE
- Before, During, or After Instruction
- Better than Clickers????
- Teacher App
- Student App

Quiz Set-Up


socrative
0
ROOM: RHC
Edit Quiz
SAVE & EXIT
Dashboard
No activity
Refresh
1. Short Answer Question
How can you lower the reading level of a text using Microsoft Word?
Correct Answers (Optional)
+Add
-Delete
Explanation:
If you paste the text into a word document, you can reduce the reading level by increasing the number of sentences (by breaking complex sentences into multiple simple sentences) and reducing the number of syllables (by replacing multisyllabic words with less-syllable synonyms).
+ Add Image
ADD QUESTION:
MULTIPLE CHOICE
TRUE / FALSE
SHORT ANSWER

Quiz Set-Up


socrative
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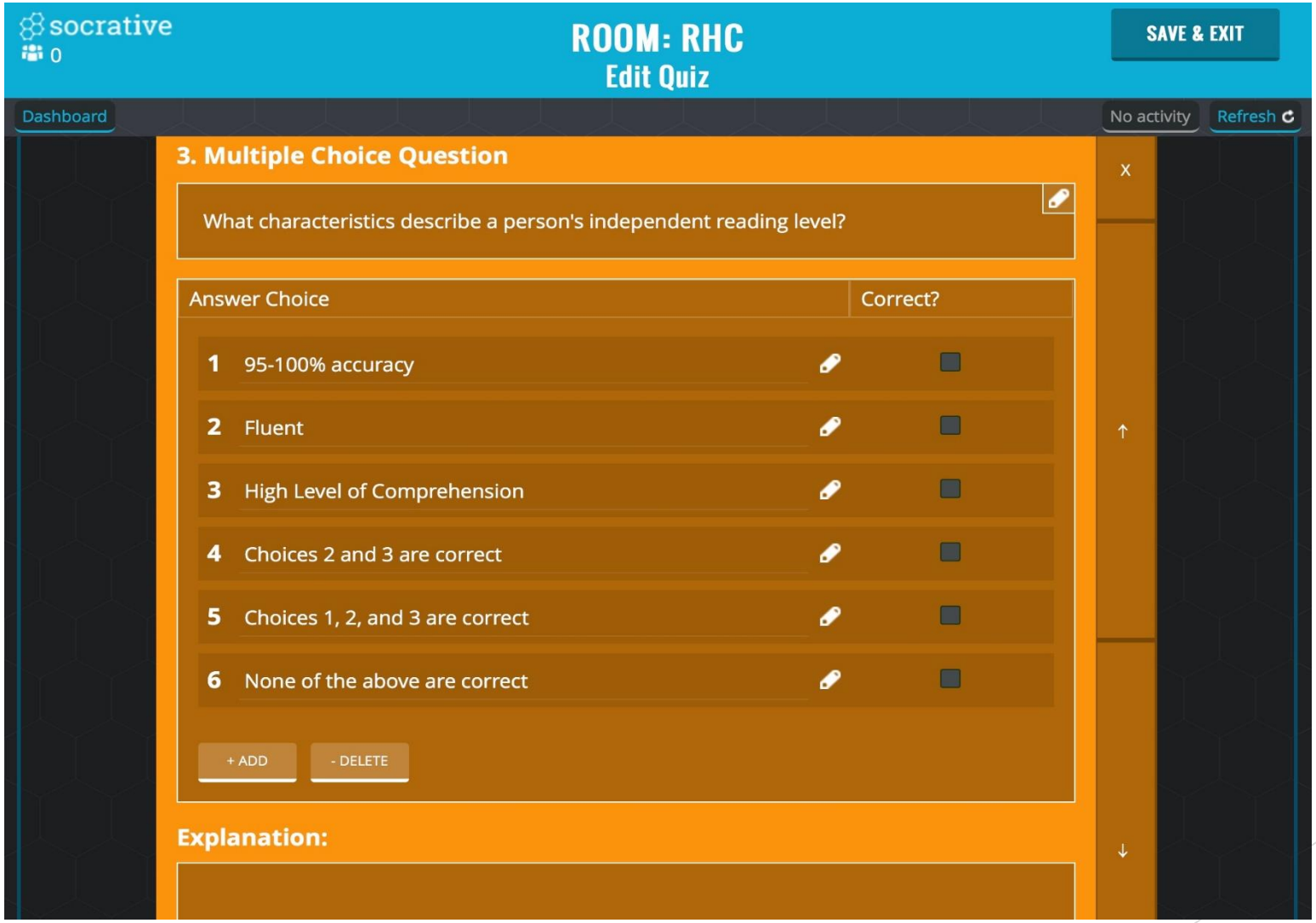
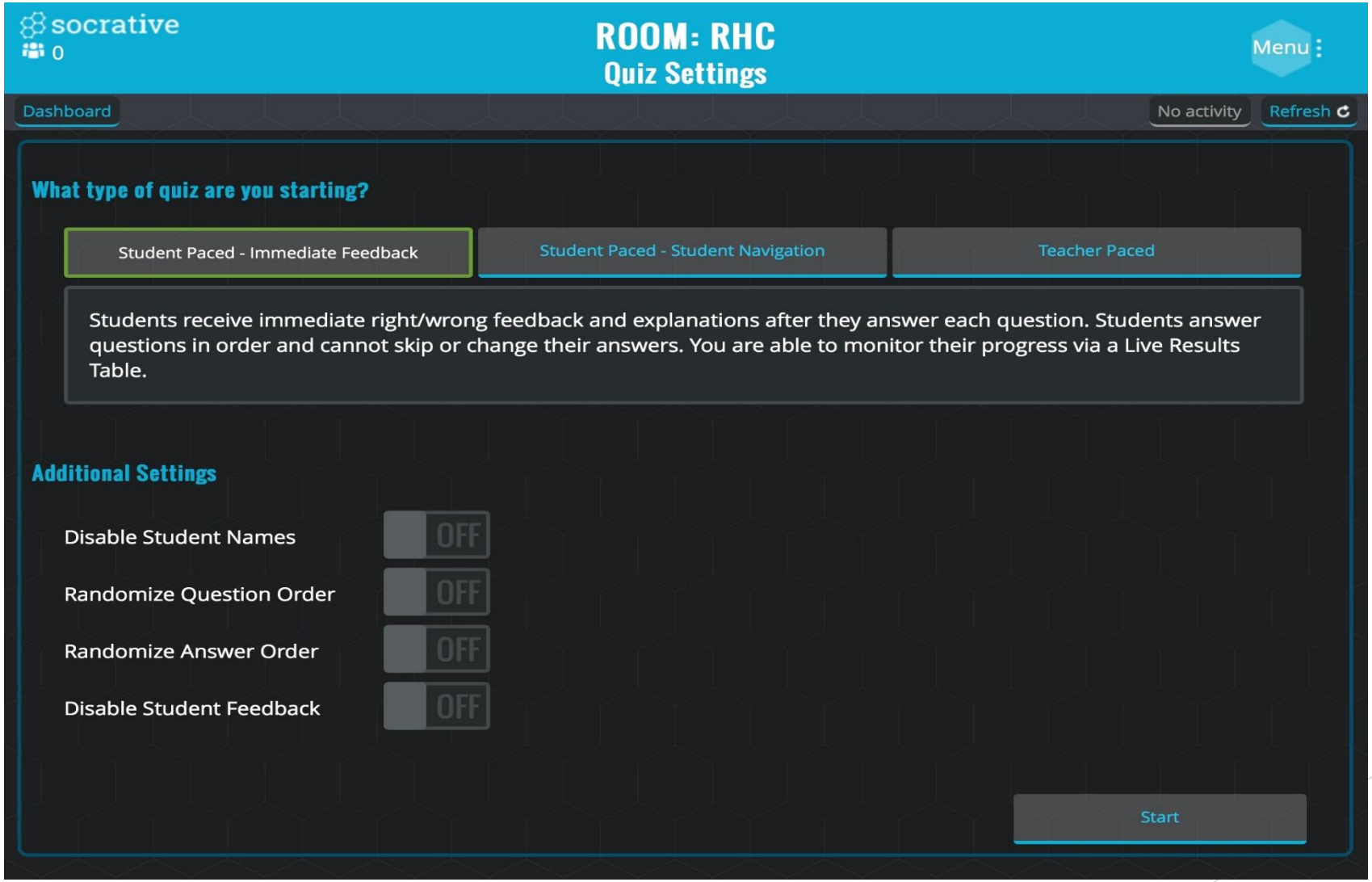
ROOM: RHC
Edit Quiz
SAVE & EXIT
Dashboard
No activity
Refresh
4. True/False Question
The only reason to have a child read at his/her "frustration reading level" is if you are trying to find his/her highest instructional reading level.
Correct Answer:
True
False
Explanation:
+ Add Image
ADD QUESTION:
MULTIPLE CHOICE
TRUE / FALSE
SHORT ANSWER

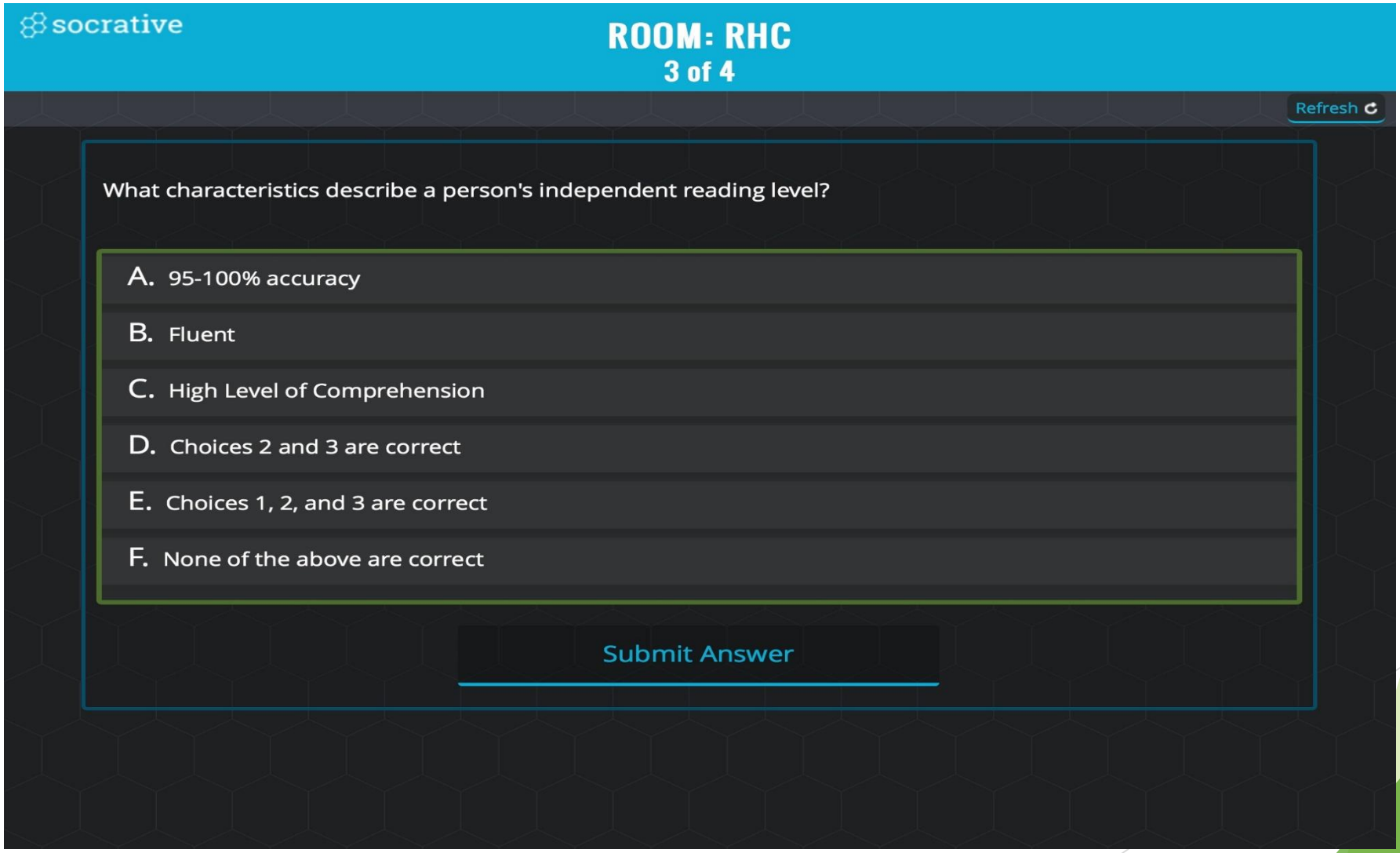
Quiz Set-Up


socrative
0
ROOM: RHC
Edit Quiz
SAVE & EXIT
Dashboard
No activity
Refresh
3. Multiple Choice Question
What characteristics describe a person's independent reading level?
Answer Choice
Correct?
1 95-100% accuracy
2 Fluent
3 High Level of Comprehension
4 Choices 2 and 3 are correct
5 Choices 1, 2, and 3 are correct
6 None of the above are correct
+ ADD
- DELETE
Explanation:
x

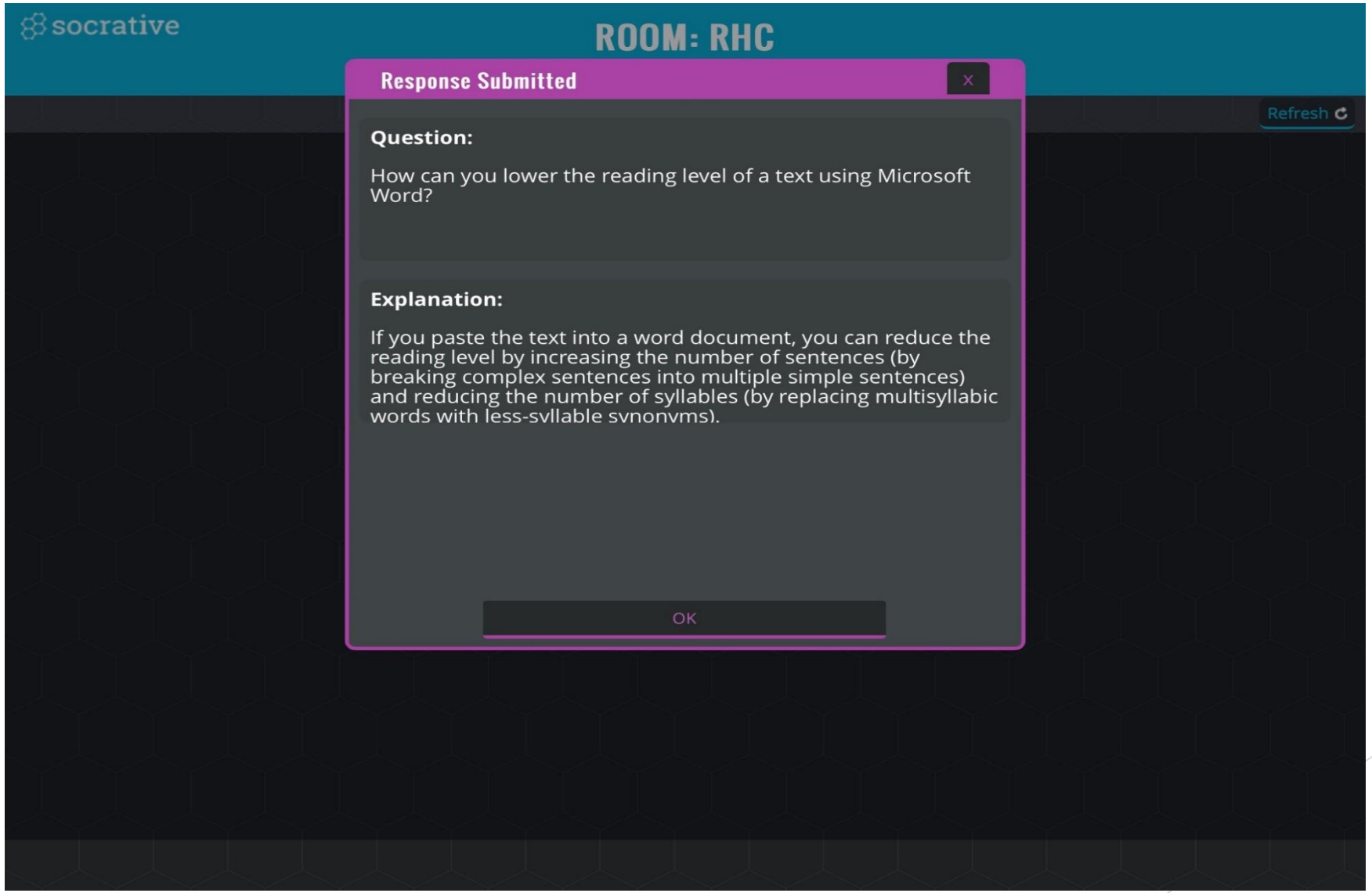
Launching a Quiz



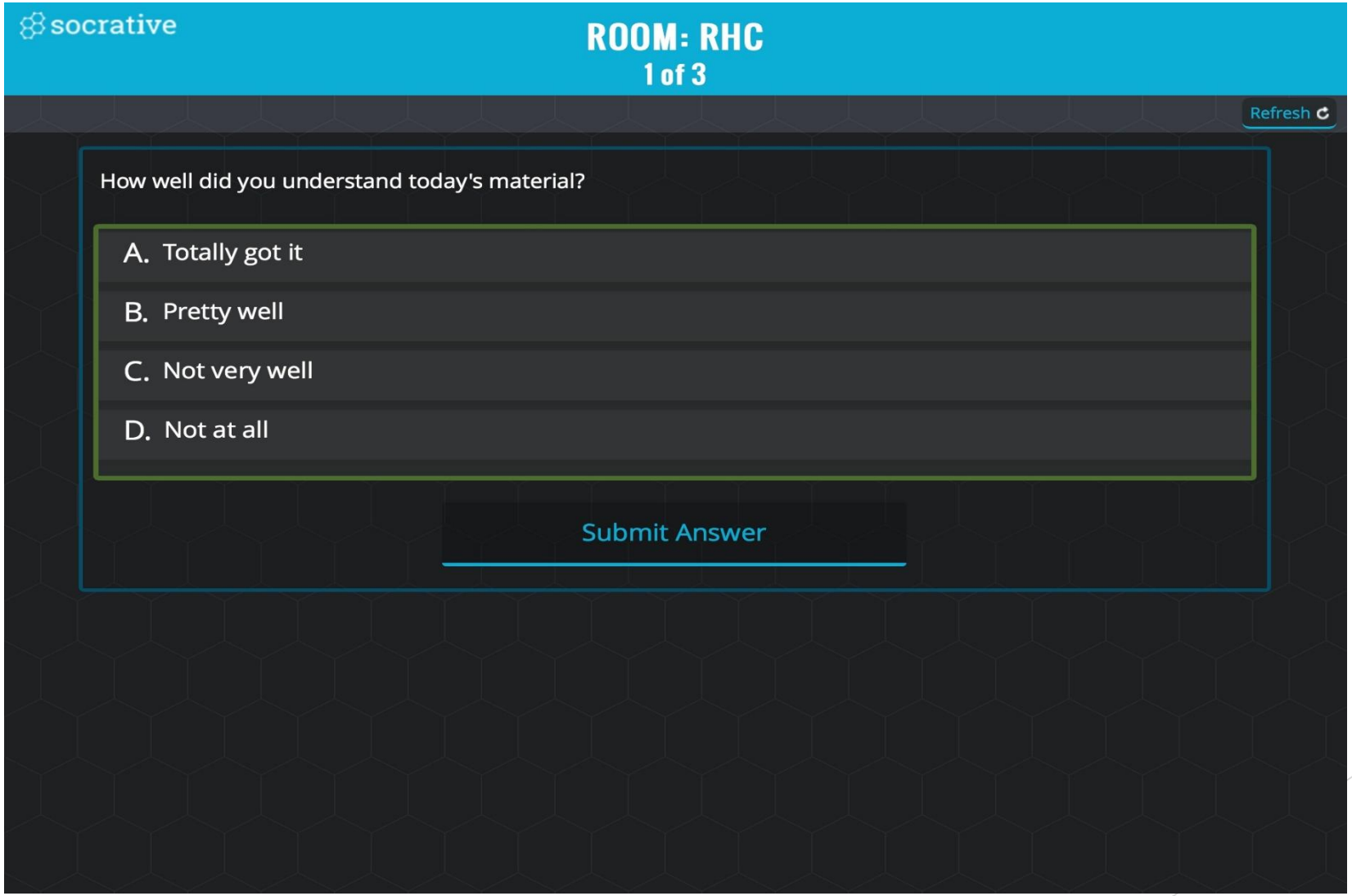
Student View of Multiple Choice



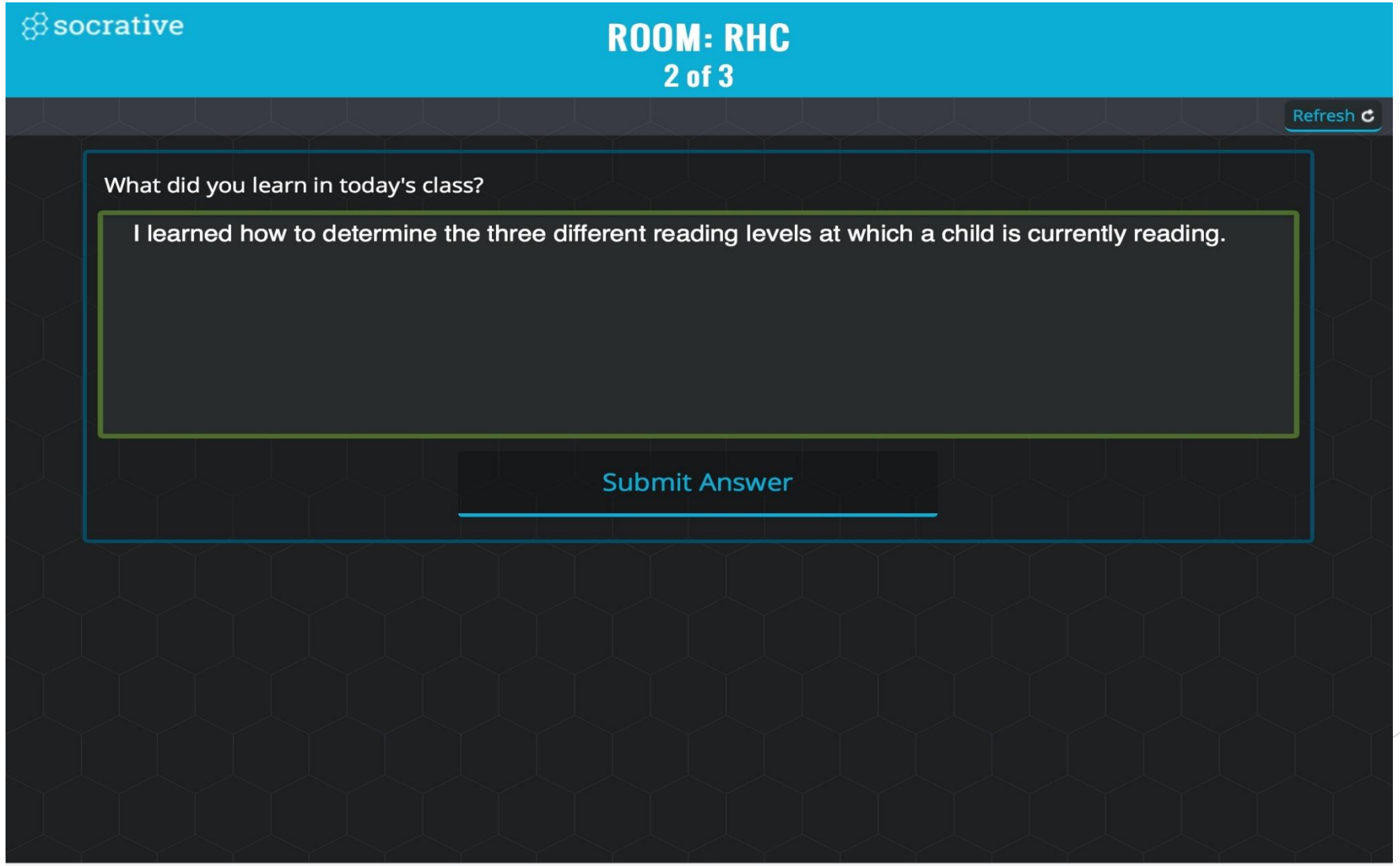
Student View of Feedback on Short Answer



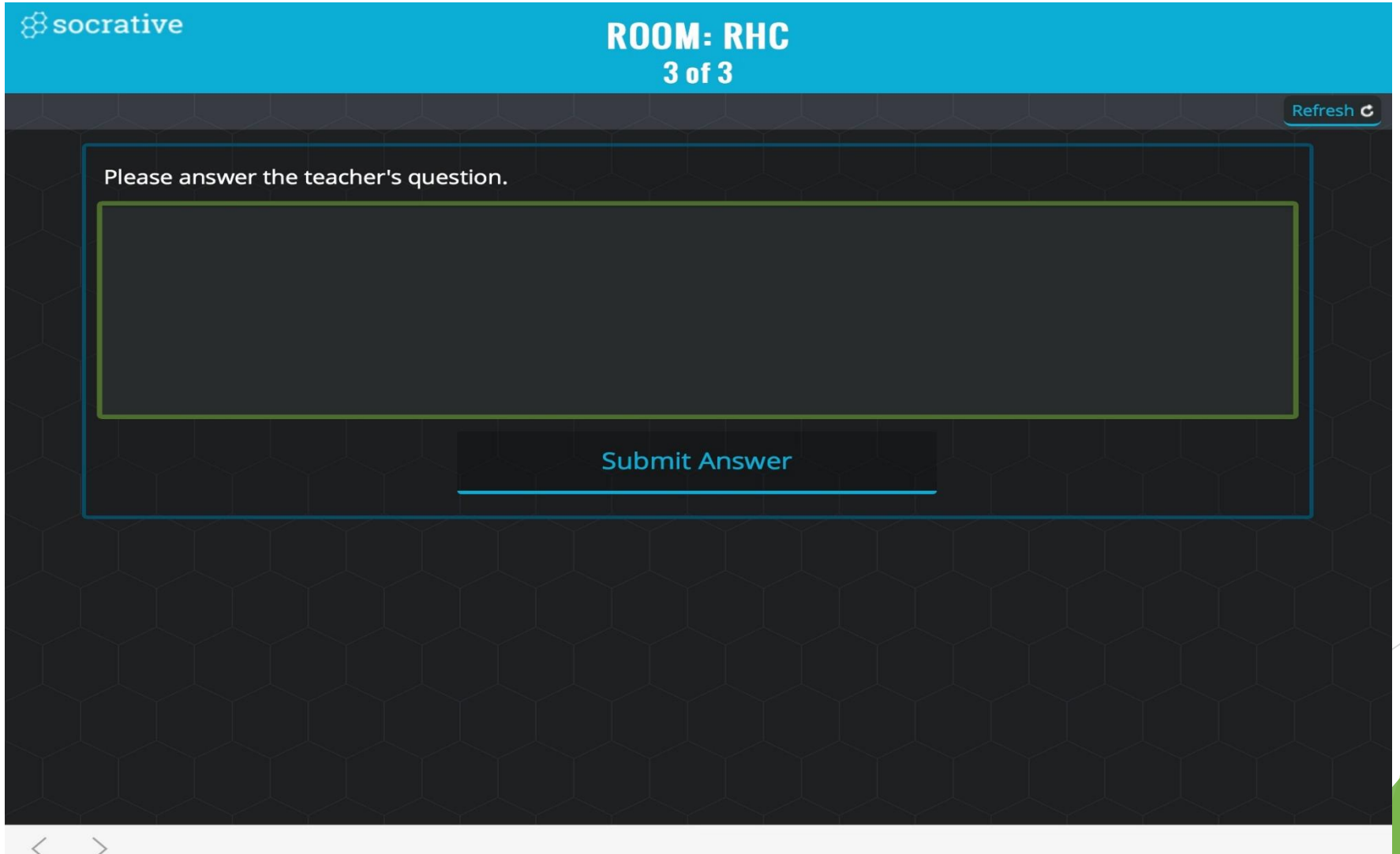
Exit Ticket – Pre-Set Question 1



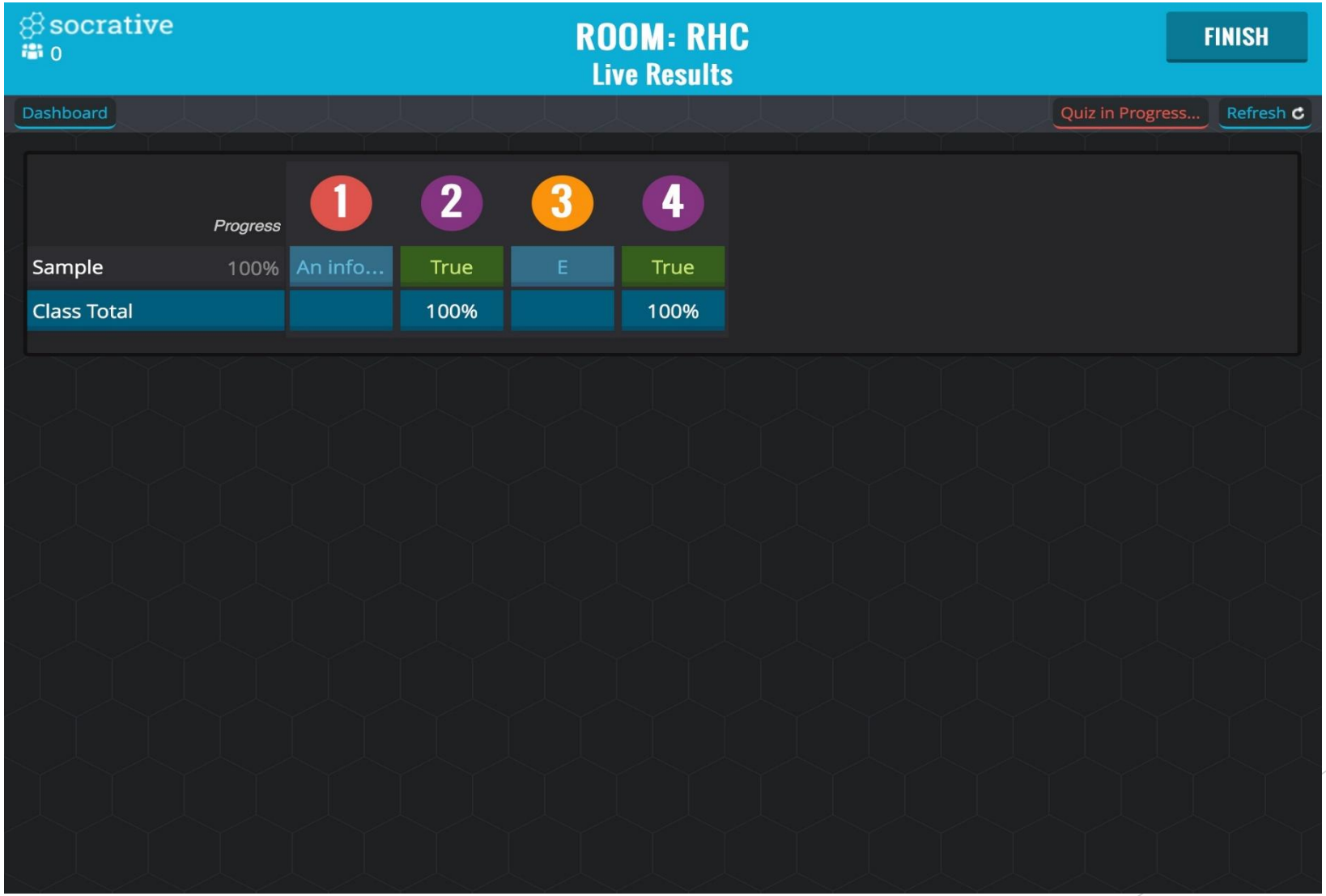
Exit Ticket – Pre-Set Question 2



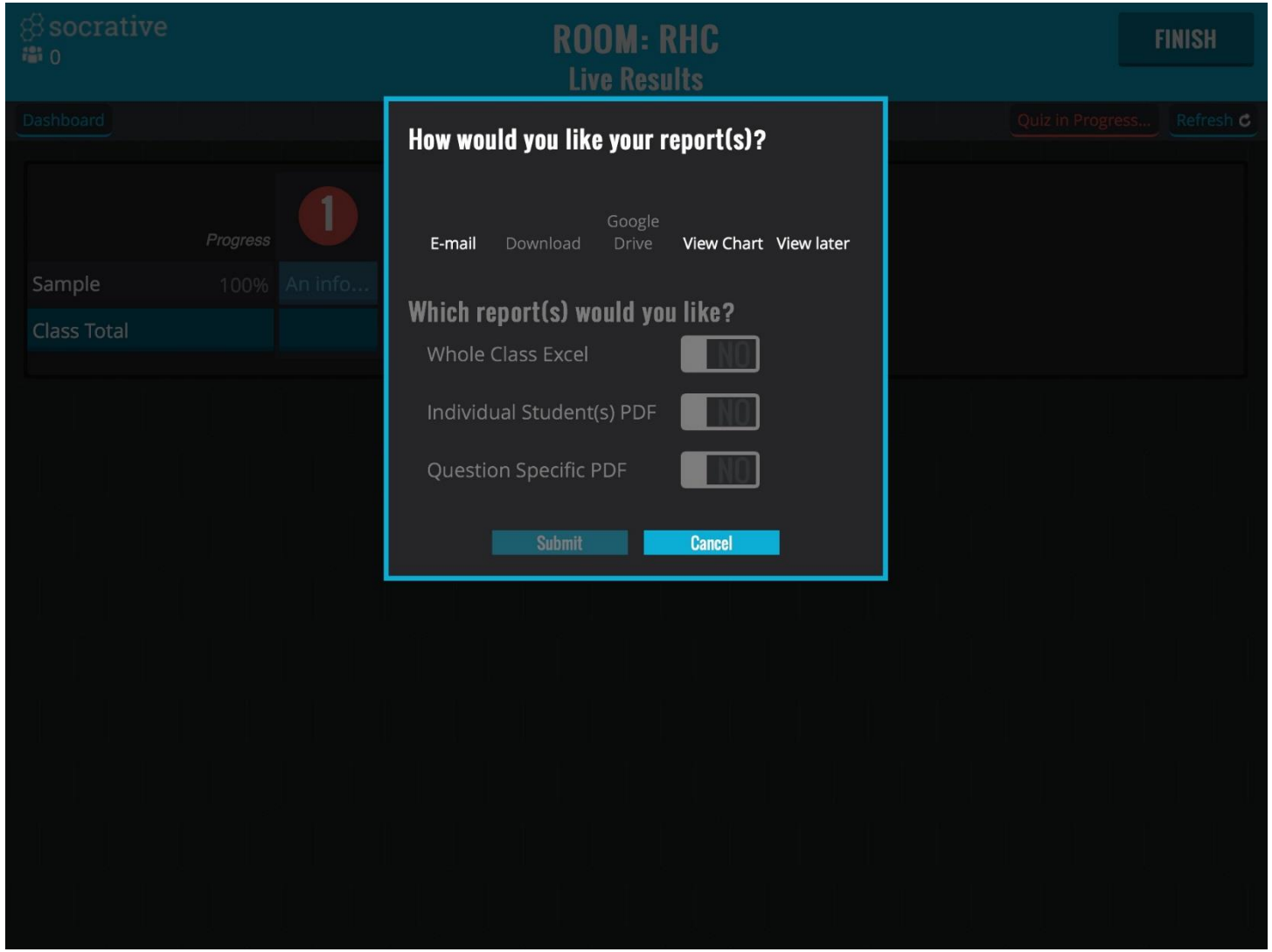
Exit Ticket – Pre-Set Question 3 Given by Instructor



Live Results



Report Options



Individual Student Report

1. What is formative assessment?

informal, not graded

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2. Students are more likely to be successful when they read books that are not too easy or too difficult.

✔ ● True

(B) False

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3. What characteristics describe a person's independent reading level?

(A) 95-100% accuracy

(B) Fluent

(C) High Level of Comprehension

(D) Choices 2 and 3 are correct

● Choices 1, 2, and 3 are correct

(F) None of the above are correct

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4. The only reason to have a child read at his/her "frustration reading level" is if you are trying to find his/her highest instructional reading level.

✔ ● True

(B) False

Question Specific PDF

- For each question, every respondent’s answer is listed.

Question Specific PDF

2. Students are more likely to be successful when they read books that are not too easy or too difficult.

16 / 16 (A) True

0 / 16 (B) False

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3. What characteristics describe a person's independent reading level?

1 / 16 (A) 95-100% accuracy

0 / 16 (B) Fluent

0 / 16 (C) High Level of Comprehension

2 / 16 (D) Choices 2 and 3 are correct

13 / 16 (E) Choices 1, 2, and 3 are correct

0 / 16 (F) None of the above are correct

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4. The only reason to have a child read at his/her "frustration reading level" is if you are trying to find his/her highest instructional reading level.

16 / 16 (A) True

0 / 16 (B) False

Explain Everything

- “easy-to-use design, screencasting, and interactive whiteboard tool that lets you annotate, animate, narrate, import, and export almost anything to and from almost anywhere. Create slides, draw in any color, add shapes, add text, and use a laser pointer.” – iTunes App Store

Explain Everything

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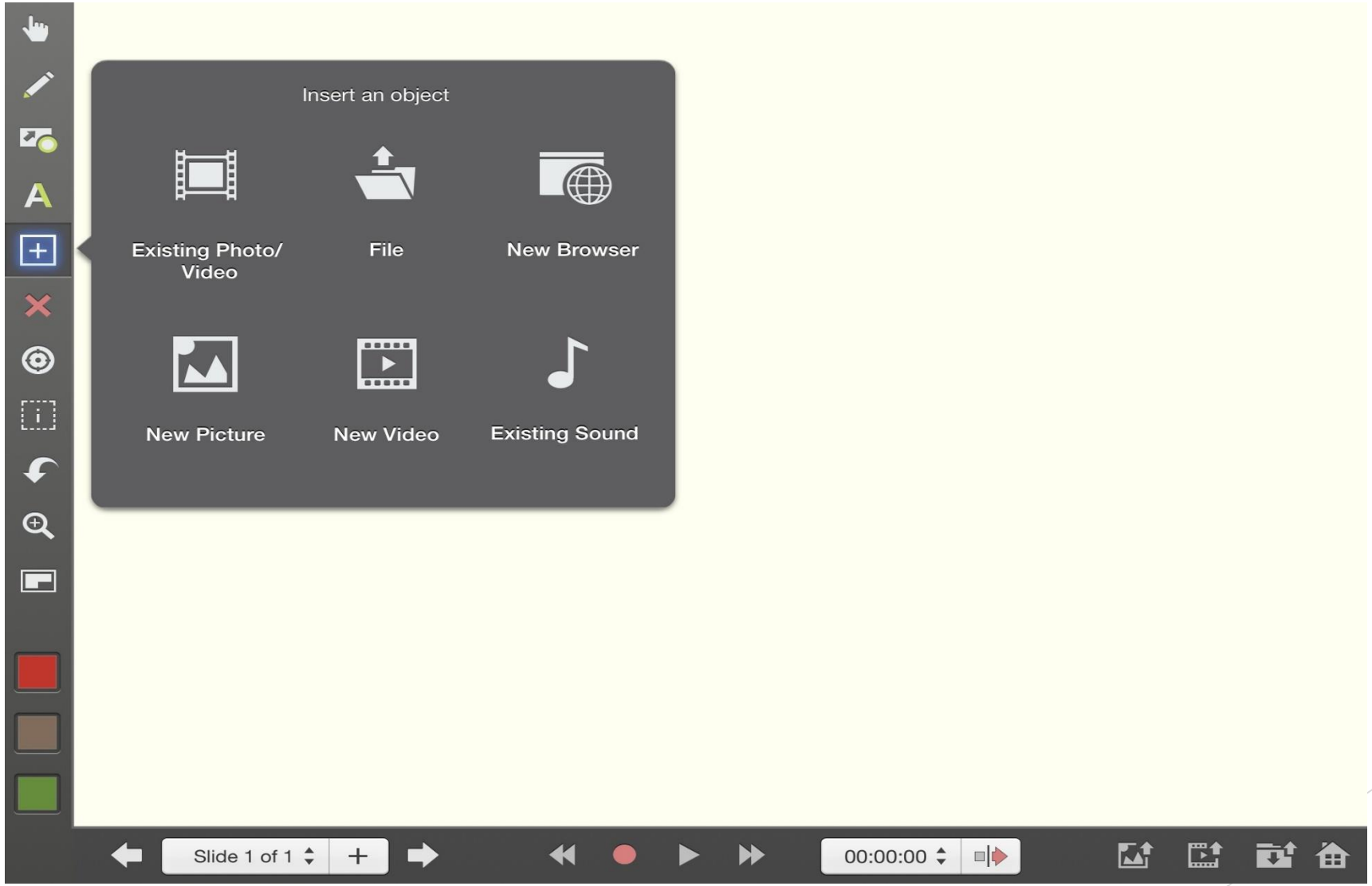
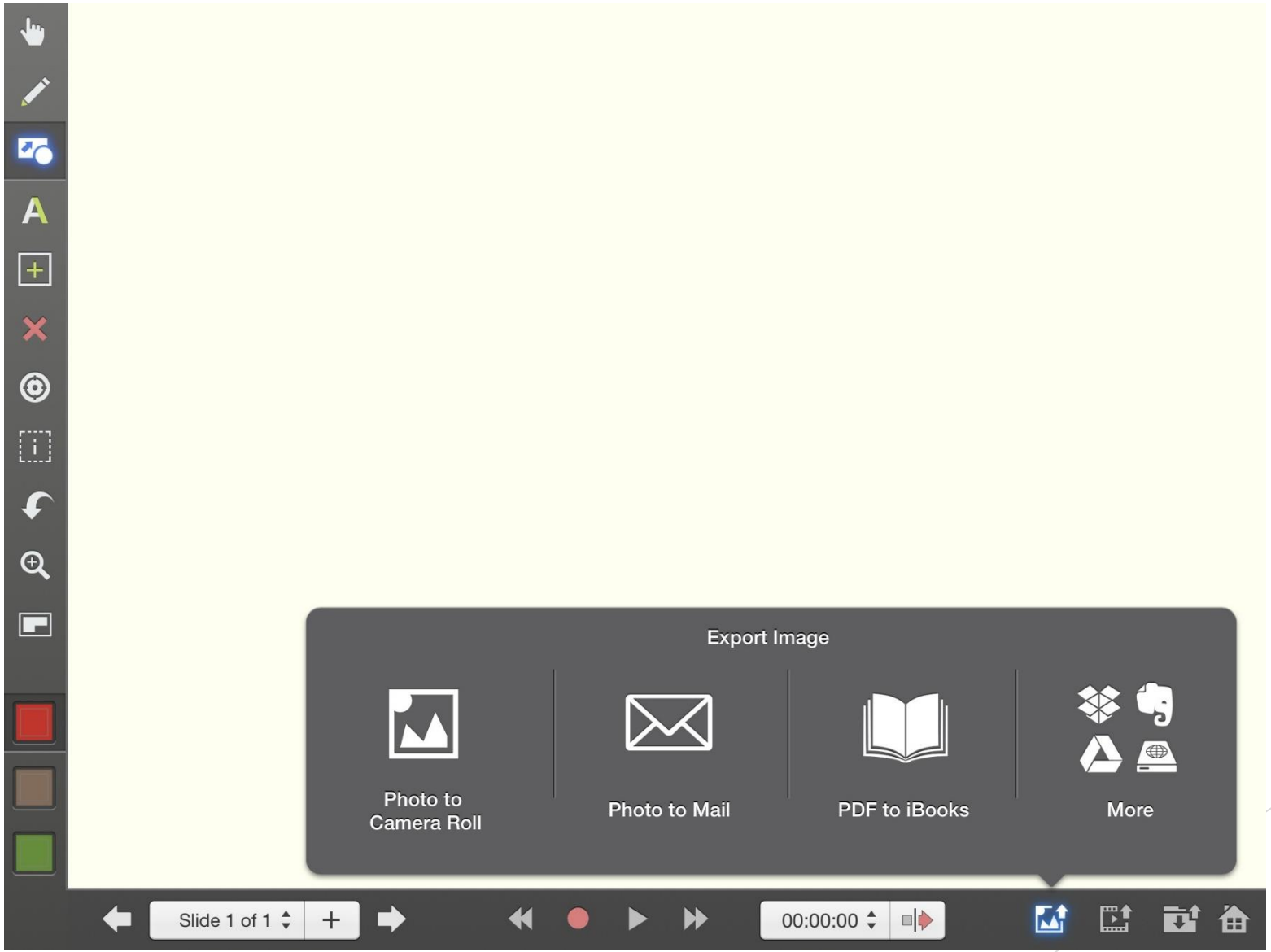


Explain Everything



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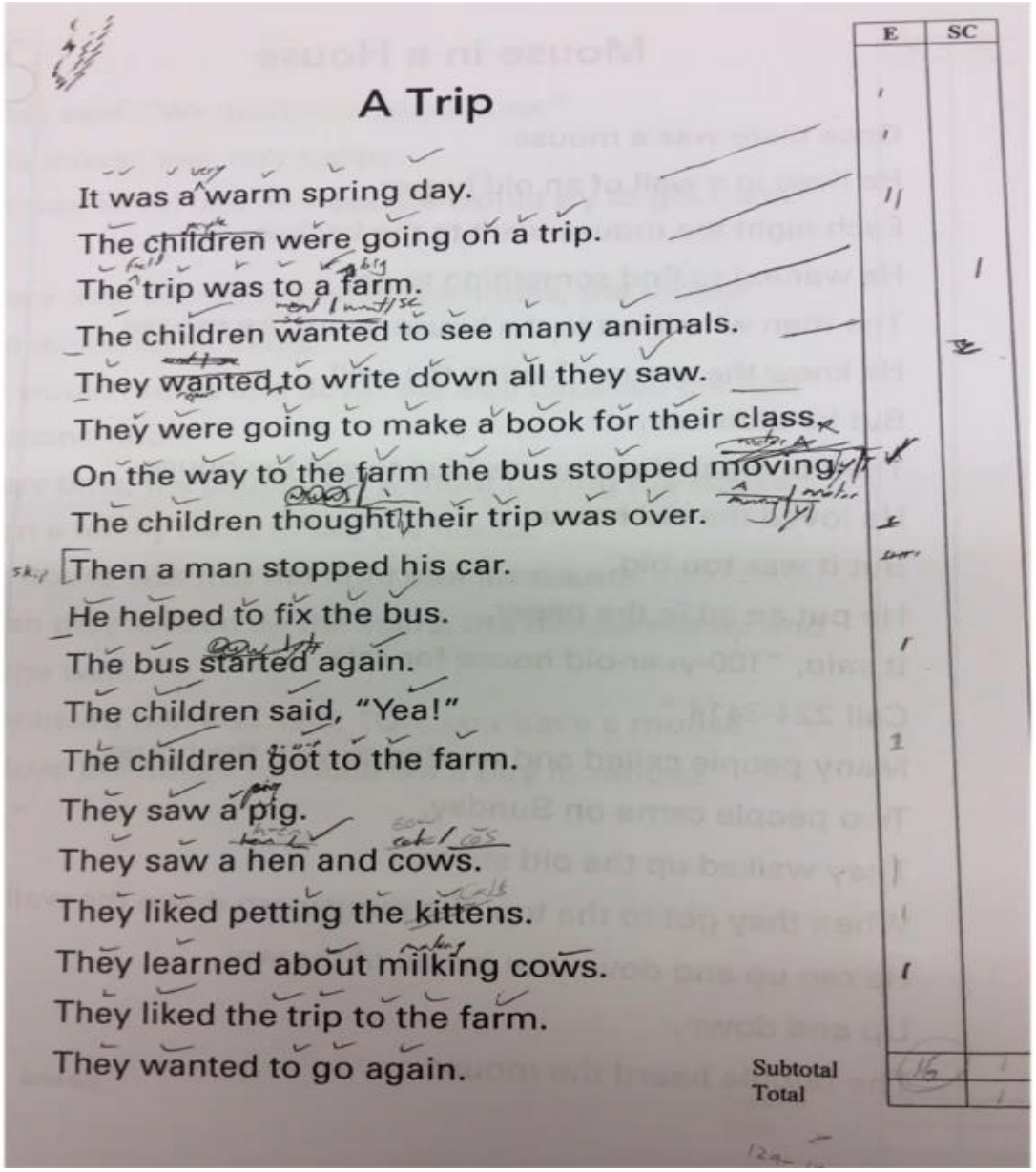

A Trip

It was a warm spring day.
The children were going on a trip.
The trip was to a farm.
The children wanted to see many animals.
They wanted to write down all they saw.
They were going to make a book for their class.
On the way to the farm the bus stopped moving.
The children thought their trip was over.
Then a man stopped his car.
He helped to fix the bus.
The bus started again.
The children said, "Yea!"
The children got to the farm.
They saw a pig.
They saw a hen and cows.
They liked petting the kittens.
They learned about milking cows.
They liked the trip to the farm.
They wanted to go again.

	E	SC
	1	
	1	
	11	
		1
		2
	1	
	1	
	1	
	1	
	1	
	1	
	1	
	1	
	1	
Subtotal	16	1
Total		1

Explain Everything

Challenges

- Socrative –
  - None at this point, but the technology needs to be there
- Explain Everything –
  - Importing and exporting document and video files
  - Issues with websites/recording dropdown boxes
  - Still a work in progress!
- Time