

# Tracking Student Achievement data using digital tools & frequent Formative Assessment

All materials available online at:  
[bit.do/sspd](https://bit.do/sspd)



# Formative Assessment Digital Tool

Socrative.com

## Main Objective

- You can create self-grading formative assessments students can take on their phone for free at Socrative.com, you can also include written portions where students can type exit tickets or short-answer responses.
- If you **label each question with the standard** results are exported in excel and you can track student mastery of each standard.

# Create your online classroom in Socrative

- Go to Socrative.com and sign up for a free account
- When prompted select your current school (you can use this account wherever you go, only you have access to the data)

NEW TEACHER ACCOUNT

1 Profile — 2 Demographics — 3 Account

### Demographic Info

Country	Organization Type
USA	K-12
Zip Code	School
78210	Select Your School

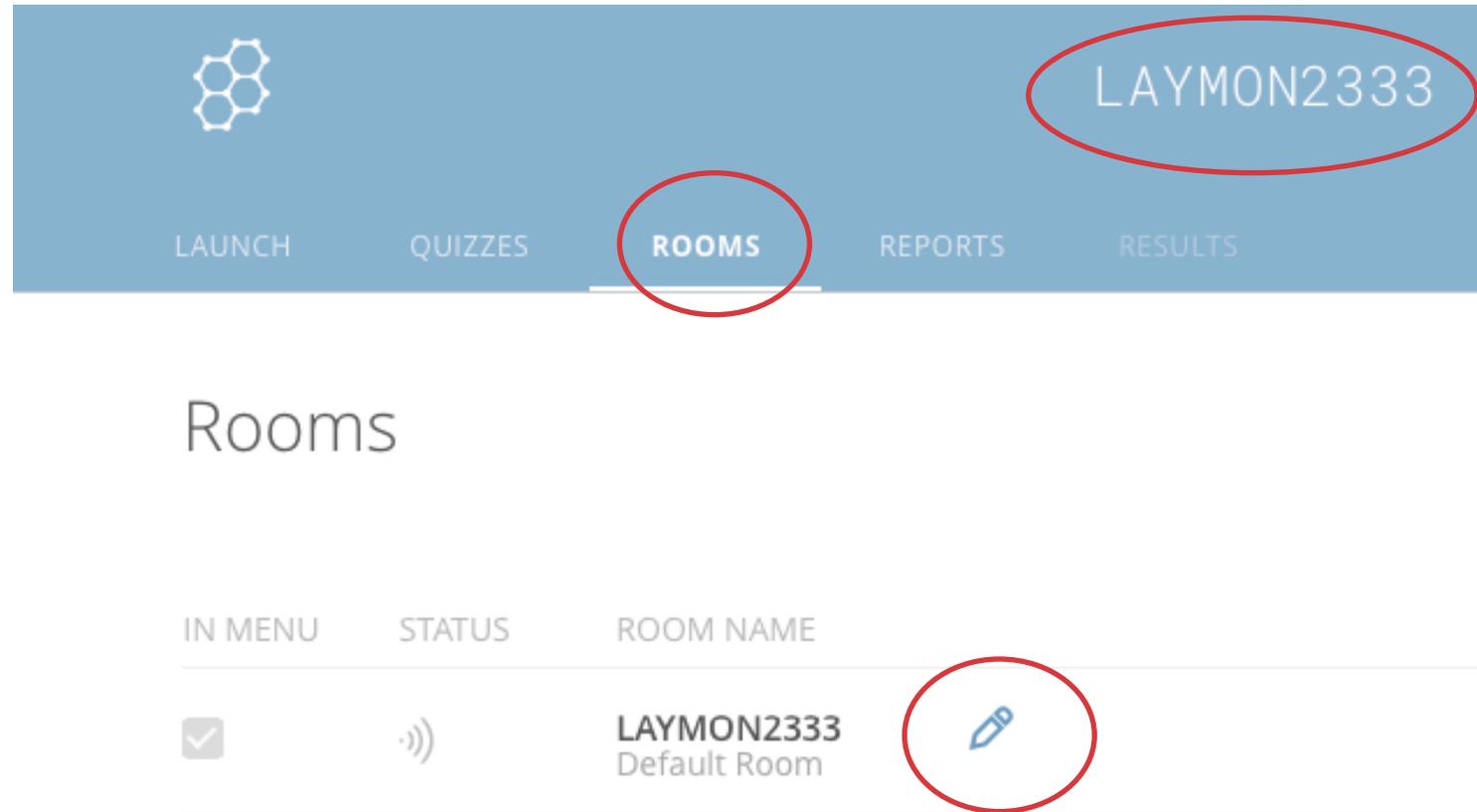
I agree to the terms and conditions

CANCEL

**Matching Schools**

- BRACKENRIDGE H S
- CHILDREN'S SHELTER OF SA
- District Administrative Offices
- ELOISE JAPHET EL

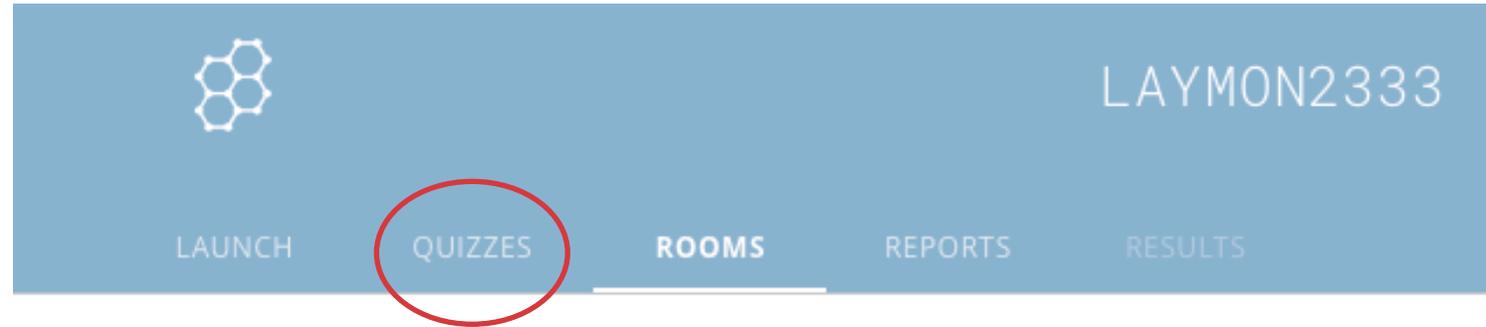
- Your classroom that your students will type and join is at the top in blue, you can rename your room to something shorter by clicking the rooms tab.
- You can also add more rooms for other preps but **try to keep the same prep as one room** as all quizzes for that prep will stay with that room. Otherwise, if you have a new room for each class period (not necessary) you will have to copy quizzes & updates to quizzes to each new room.



The screenshot shows a top navigation bar with a logo on the left and the room name "LAYMON2333" on the right. Below the logo is a menu with options: LAUNCH, QUIZZES, ROOMS (circled in red), REPORTS, and RESULTS. Below the navigation bar is a section titled "Rooms" containing a table with the following columns: IN MENU, STATUS, and ROOM NAME. The table has one row with a checked checkbox, a speaker icon, and the text "LAYMON2333 Default Room". A blue pencil icon (edit) is circled in red to the right of the room name.

IN MENU	STATUS	ROOM NAME
<input checked="" type="checkbox"/>		LAYMON2333 Default Room

- To create your first formative assessment or exit ticket click “quizzes” at the top.



## Rooms

IN MENU	STATUS	ROOM NAME	
<input checked="" type="checkbox"/>		<b>LAYMON2333</b> Default Room	

- Once in the quizzes page click **create quiz**. You can also import quizzes others have made with a code they share with you.



Create Quiz



Import Quiz



My Quizzes



Reports

- **Title your quiz** and select whether you want to share your quiz or not (click button to un-share to prevent others from accessing)
- Do not align quiz to a single standard, you will usually be quizzing multiple standards
- From here you can add unlimited **multiple choice, true false, or short answer questions** to your quiz

Create Quiz

SAVE & EXIT

Share Quiz:  **SOC-24366210**

Properties of an Atom Check For Understanding

Align entire quiz to a standard

ADD QUESTION:

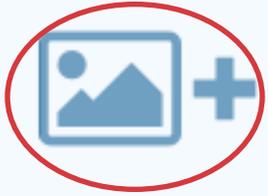
MULTIPLE CHOICE TRUE / FALSE SHORT ANSWER

#1

Formatting:



SAVE



8.2C, 9.6A - Please answer the following Exit Ticket: "What are the properties of an atom?"

Correct Answers (Optional)

+ADD

-DELETE

Explanation:

- For a short answer/exit ticket **include the standards at the start of the question** so you can track what objective students are meeting
- You can also add an image to this question that student can expand on their phones. Offering an explanation is optional, students do not see the explanation of the question. **Hit save or add a another question to save.**

- For multiple choice questions again place the standard at the start of the question for data tracking we will do shortly. Click the checkboxes near the correct answer for the question.

#2

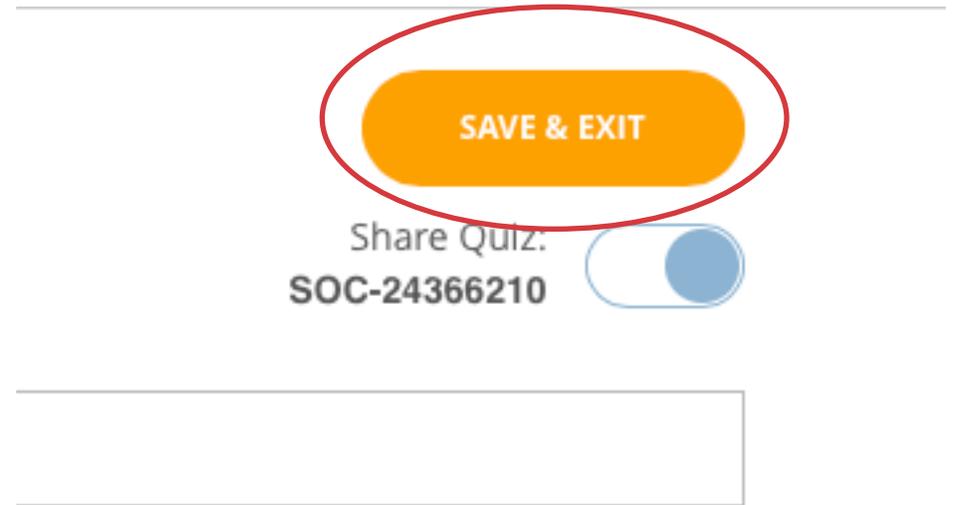
Formatting:  SAVE

 + 8.2C 8.9A Select the properties of a valence electron below (click multiple)

ANSWER CHOICE

			CORRECT?
A	Answer A	×	<input type="checkbox"/>
B	Answer B	×	<input checked="" type="checkbox"/>
C	Answer C	×	<input type="checkbox"/>
D	Etc.	×	<input checked="" type="checkbox"/>

- When you are done making your formative assessment click “Save & Exit” at the top right of the page



- To start the quiz when you are ready to deliver it to a class select the “**launch**” tab then click on the **quiz button** on the main body of the screen



RECENT ALL Select a Quiz

Properties of an Atom Check For Understanding

World Facts Quiz

STUDENT PACED - IMMEDIATE FEEDBACK STUDENT PACED - S'

*Students receive immediate right/wrong feedback and explanations after cannot skip or change their answers. You are able to monitor their progr*

- Select your quiz by title then under the student paced tab select randomize question order, answer order (this keeps the answers and questions scrambled on each student's phones). The select hide question feedback so students do not get the answer after each attempt.

STUDENT QUIZ SETTINGS

- Disable Names
- Randomize Question Order
- Randomize Answer Order
- Hide Question Feedback
- Hide Final Score

START

STUDENT PACED - IMMEDIATE FEEDBACK

STUDENT PACED - S

*Students receive immediate right/wrong feedback and explanations after cannot skip or change their answers. You are able to monitor their progress*

- Select hide final score, this is essential if you have a short answer, it is not scored and students will have a lower score because you have to add in the short answer points for the score.

### STUDENT QUIZ SETTINGS

- Disable Names
- Randomize Question Order
- Randomize Answer Order
- Hide Question Feedback
- Hide Final Score

START

- Students take the quiz by going to [socrative.com](https://socrative.com) on their phone, tapping student login, and then entering your room code.
- They will be prompted to enter their name, have them enter their name Last Name, First Name so results are sorted in order in Excel.



Student Login

Room Name

JOIN



Select an option below to end the activity and save the reports.

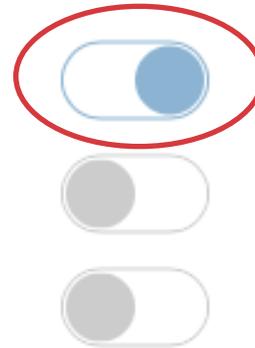


Which report(s) would you like?

Whole Class Excel

Individual Student(s) PDF

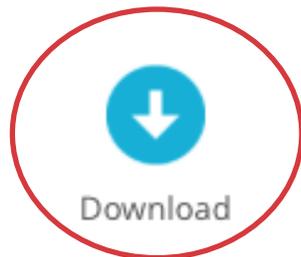
Question Specific PDF



How would you like your report(s)?



E-mail



Download



Google Drive

- As students take the quiz you will see live results.
- When finished click “finish” at the top right and **“get reports.” download your reports** as an Excel report. **This will also close out the test** students are taking.

production	market failure	MSB>MSC	consumption	social optimum
Negative externality of production	market failure	MSB>MSC	Marginal private benefit MPB	social optimum
Negative externality of production	market failure	MSB>MSC	Marginal private benefit MPB	social optimum
negative externality of consumption	market failure	MSB>MSC	positive externality of consumption	social optimum
Negative externality of production	market failure	MSB>MSC	Marginal private benefit MPB	social optimum
negative externality of consumption	market failure	MSB>MSC	positive externality of consumption	social optimum
Negative externality of production	market failure	MSB>MSC	Marginal private benefit MPB	social optimum
Negative externality of production	market failure	MSC>MSB	Marginal private benefit MPB	social optimum
Negative externality of production	market failure	MSB>MSC	positive externality of consumption	social optimum
negative externality of consumption	market failure	MSB>MSC	positive externality of consumption	social optimum
63.0%	74.1%	77.8%	33.3%	77.8%

- You can scroll to the top and see what standard and then scroll to the bottom to see class mastery of the standard

8.3A, 8.3B, 8A Match the following descriptors with the correct term/phrase (some will repeat)-

producers face lower costs than society, quantity made is greater  $Q_m > Q_{opt}$ , there is an increase in this bad thing (MPC):

production	market failure	MSB>MSC	M
Negative externality of production	market failure	MSB>MSC	M
Negative externality of production	market failure	MSB>MSC	M
negative externality of consumption	market failure	MSB>MSC	pc
			cc
Negative externality of production	market failure	MSB>MSC	M
Negative externality of production	market failure	MSB>MSC	M
negative externality of consumption	market failure	MSB>MSC	pc
negative externality of consumption	market failure	MSB>MSC	cc
Negative externality of production	market failure	MSB>MSC	M
Negative externality of production	market failure	MSC>MSB	M
Negative externality of production	market failure	MSC>MSB	M
Negative externality of production	market failure	MSB>MSC	pc
Negative externality of production	market failure	MSB>MSC	cc
negative externality of consumption	market failure	MSB>MSC	pc
negative externality of consumption	market failure	MSB>MSC	cc
	63.0%	74.1%	77.8%

- In your excel report you will see your student's results, at the bottom you will see the percentage of students that mastered each question. Remember your questions are tied to a TEK/objective. You can then adjust for reteach or pull up the quiz on the screen and go over the question with students as they take notes.

Negative externality of production	market failure	MSB>MSC	Marginal private benefit	social optimum
negative externality of consumption	market failure	MSB>MSC	positive externality of consumption	social optimum
Negative externality of production	market failure	MSB>MSC	Marginal private benefit	social optimum
negative externality of consumption	market failure	MSB>MSC	positive externality of consumption	social optimum
Negative externality of production	market failure	MSB>MSC	Marginal private benefit	social optimum
Negative externality of production	market failure	MSC>MSB	Marginal private benefit	social optimum
Negative externality of production	market failure	MSB>MSC	positive externality of consumption	social optimum
negative externality of consumption	market failure	MSB>MSC	positive externality of consumption	social optimum
63.0%	74.1%	77.8%	33.3%	77.8%

- With this spreadsheet you can go across and see what standards each student missed (red). The standards they missed should be what they receive tutoring on.

- In your data tracker copy and paste student names down the first column and the questions/standards most missed across the top row.

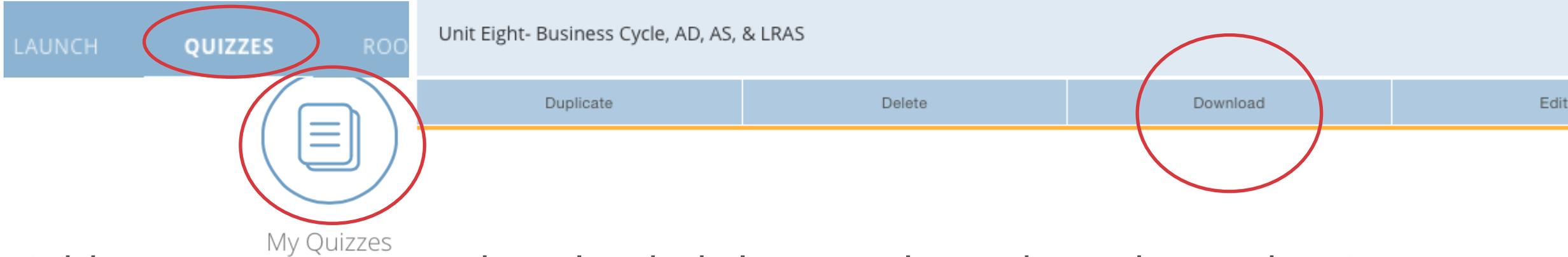
	A	B	C	D	E
	<b>Students that scored below a: 70</b>	<b>Re-Teach Strategy per Student (can be similar strategy)</b>	<b>Highest Missed Standard:</b>	<b>2nd Most Missed Standard:</b>	<b>3rd Most Missed Standard:</b>
1					
2			<b>Reteach Strategy:</b>	<b>Reteach Strategy:</b>	<b>Reteach Strategy:</b>
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					

- You can edit this template for each quiz you give but there must be a reteach strategy for each of the 1-5 highest missed standards and suggested re-teach strategy for students that failed the formative assessment.

Negative externality of production	market failure	MSB>MSC	Marginal private benefit MPB	social optimum
negative externality of consumption	market failure	MSB>MSC	positive externality of consumption	social optimum
Negative externality of production	market failure	MSB>MSC	Marginal private benefit MPB	social optimum
negative externality of consumption	market failure	MSB>MSC	positive externality of consumption	social optimum
Negative externality of production	market failure	MSB>MSC	Marginal private benefit MPB	social optimum
Negative externality of production	market failure	MSC>MSB	Marginal private benefit MPB	social optimum
Negative externality of production	market failure	MSB>MSC	positive externality of consumption	social optimum
negative externality of consumption	market failure	MSB>MSC	positive externality of consumption	social optimum
63.0%	74.1%	77.8%	33.3%	77.8%

- Remember to use save the results spreadsheet so you can track individual student performance per standard. The standards they missed should be what they receive tutoring on.

- What about students without a cell phone? Click on the “quizzes” tab, then “my quizzes.” Find your quiz, click on the title and hit “download.” You can print a class set and have students answer on a blank sheet of paper.



- Add a new row to your downloaded class results and put the student’s name in and manually track what questions/standards they mastered.

Diaz, E.	-	47	9	Negative externality of production
Gallegos, A.	-	68	13	negative externality of consumption
		47.4%	9.00	63.0%
Student Name		Student Grade: 70	Number correct :10	Answered Correctly