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Generation for INNOVATION, RESILIENCE,
LEADERSHIP and SUSTAINABILITY

THE GAME IS ON!

Continuous evaluation through Socrative

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- ❑ Access as a teacher
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- ❑ Space race
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Life is what happens
while your teacher corrects the exam

Reflection:

What do you like least about your teaching job?



GIRLS

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INTRODUCTION

Tools to energize Didactics in Education

WHAT IS SOCRATIVE?

- ❑ *Socrative* allows the teacher to get immediate feedback from all students
- ❑ Response through their mobiles, tablets, laptops, etc.
- ❑ Once a question is formulated by the teacher, the system captures the answers of the students and instantly generates graphs or statistics.
- ❑ Is a free distribution program.



WHAT IS SOCRATIVE?

Socratic recibe the name of the Socratic method.

It allows to ask questions and view student's responses in real time.



COMPATIBILITY

Available applications:

- *iOS (Apple)*
- *Android*
- *Chrome*
- *Windows*
- *Kindle*

Recommended mobile operating systems:

- *iOS +5*
- *Android 4+*

Recommended browsers:

- *Chrome*
- *Safari*
- *Firefox*
- *Internet Explorer 8+ (compatible)*

INTRODUCTION

Requirements:

- ✓ Availability: on line.
- ✓ Internet conexión: Yes.
- ✓ Instalation on PC: no.
- ✓ License type: free versión and “pro” version.
- ✓ Web: <https://www.socrative.com/>





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ACCESS AS A STUDENT

Herramientas para dinamizar la Didáctica en Educación

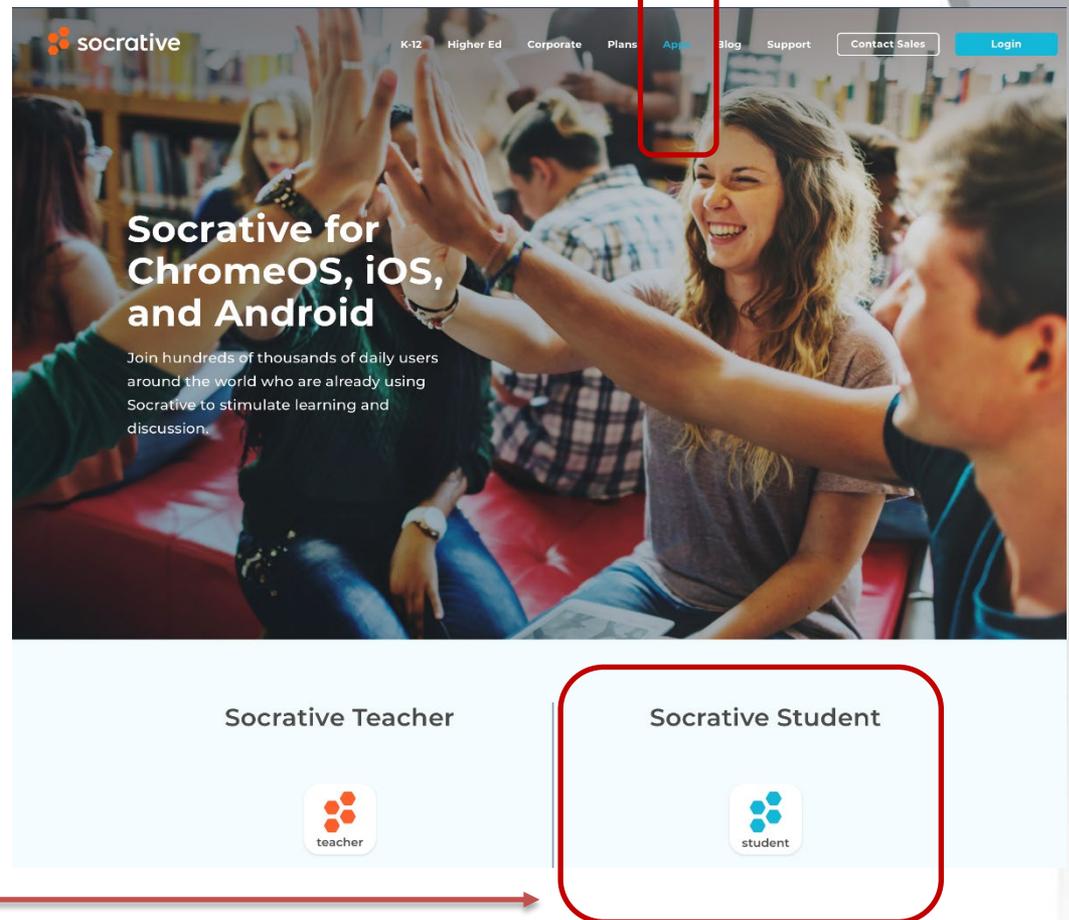
ACCESS AS A STUDENT

Two modalities:

1. On line:

<https://b.socrative.com/login/student/>

2. Downloading application



The screenshot shows the Socrative website interface. At the top, there is a navigation menu with links for 'K-12', 'Higher Ed', 'Corporate', 'Plans', 'Apps', 'Blog', 'Support', 'Contact Sales', and 'Login'. The 'Apps' link is highlighted with a red box and a red arrow pointing to it from the top right. Below the navigation menu is a large image of students in a classroom. Overlaid on the image is the text: 'Socrative for ChromeOS, iOS, and Android'. Below this text is a paragraph: 'Join hundreds of thousands of daily users around the world who are already using Socrative to stimulate learning and discussion.' At the bottom of the page, there are two buttons: 'Socrative Teacher' and 'Socrative Student'. The 'Socrative Student' button is highlighted with a red rounded rectangle. Below the 'Socrative Student' button is a small icon of a student. A red line connects the 'Downloading application' text from the left to the 'Socrative Student' button.

ACCESA AS A STUDENT

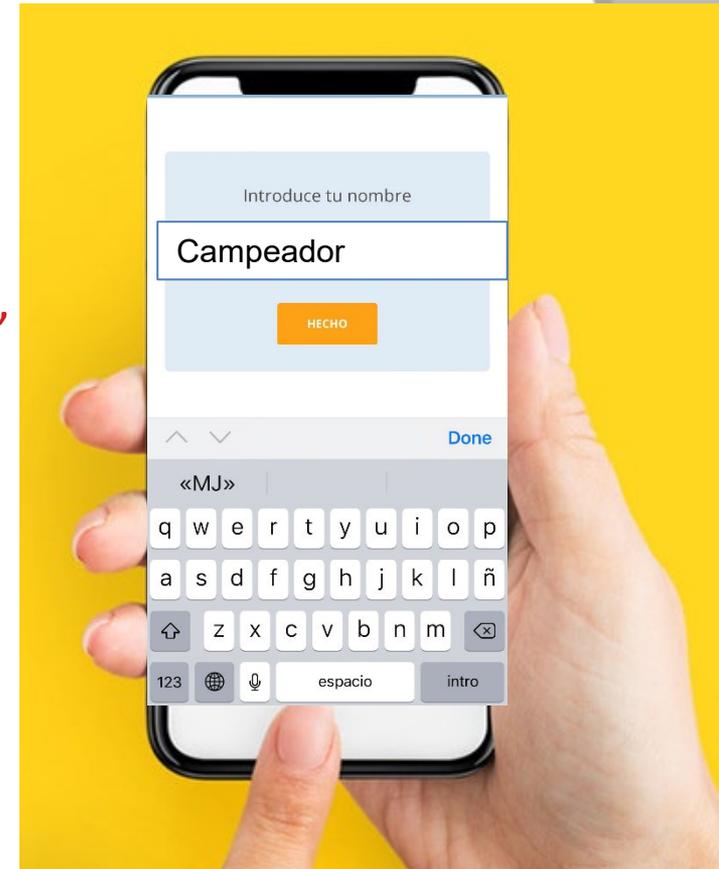
Each student must enter the “**Room Name**” indicated by the teacher to access to the launched quizz . At this case: **MDM**



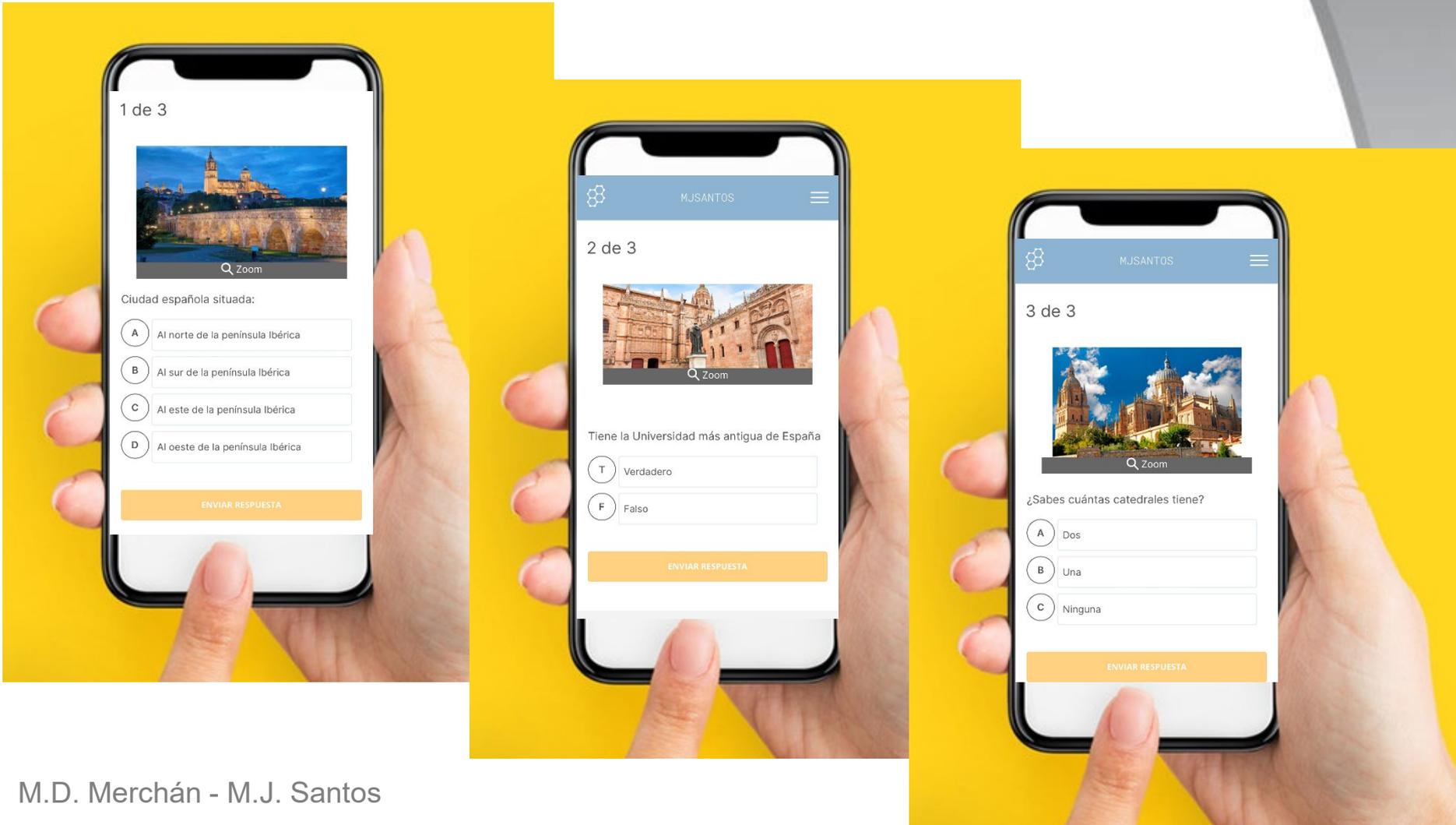
The screenshot shows the Socrative Student Login page. At the top left is the Socrative logo. Below it, the text 'Student Login' is displayed. There is a text input field labeled 'Room Name' with a cursor inside. Below the input field is a large orange button labeled 'JOIN'. At the bottom right, there is a language selector showing 'English' with a dropdown arrow.

At the next window, student must enter their identifier: name, ID, Avatar

TIP: Last name and first name in capital letters and without tildes: you will have the report ordered.



ACCESS AS A STUDENT



Resultados del test


MJSANTOS
Maria Jesus ▾

INICIO
PRUEBAS
CLASES
INFORMES
RESULTADOS [🔔]
0
👤 ▾

¿Qué sabes sobre la ciudad de Salamanca?

martes, 25 de enero de 2022 18:29

✉ Compartir

📄 Exportar

Mostrar nombres
 Mostrar respuestas
 Mostrar resultados

NOMBRE ▲	PUNTUACIÓN % ⇅	1	2	3
••••••	✓ 100%			
1 Total de clase		100%	100%	100%



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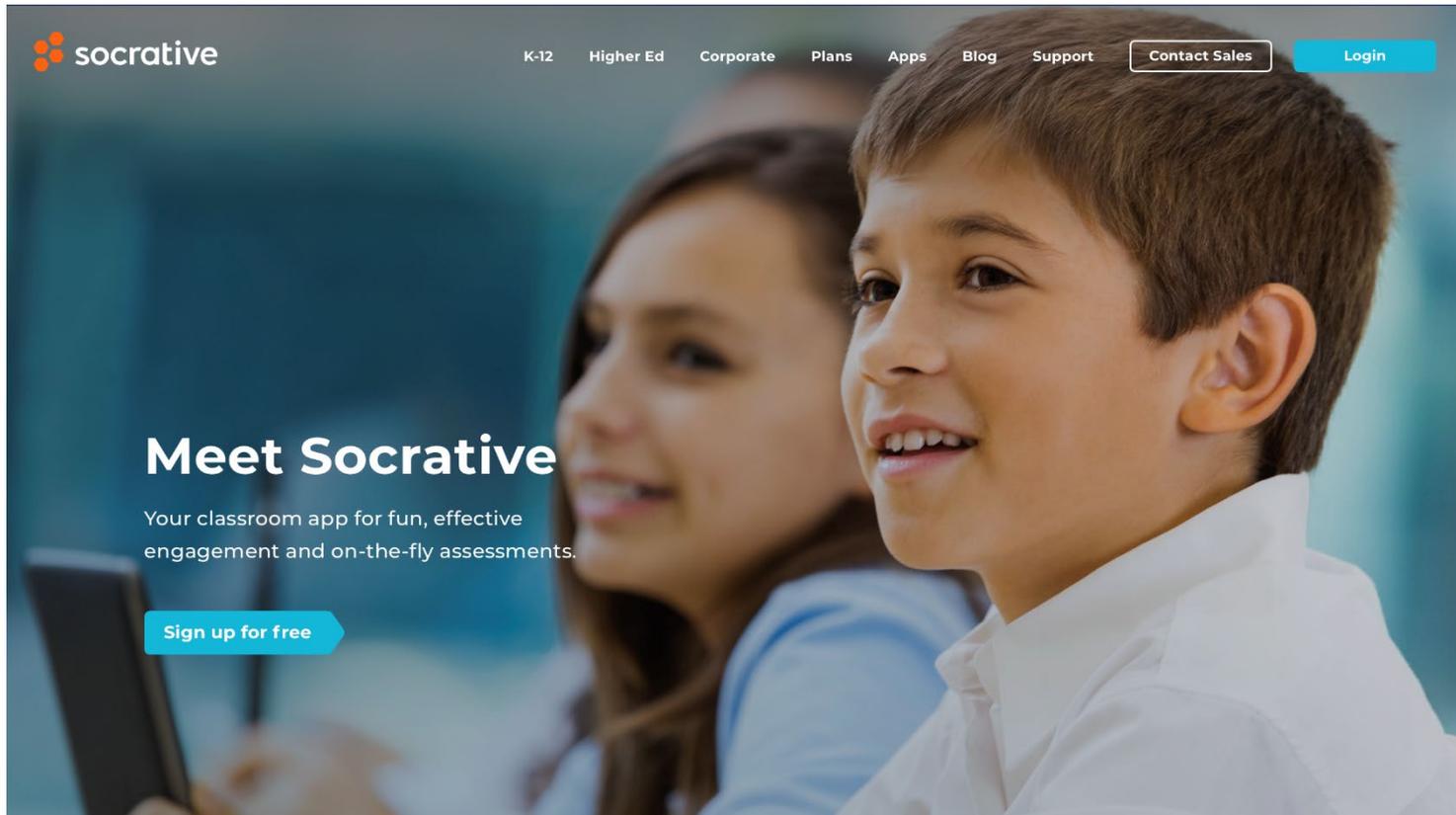
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ACCESS AS TEACHER

Tools to energize Didactics in Education

ACCESS

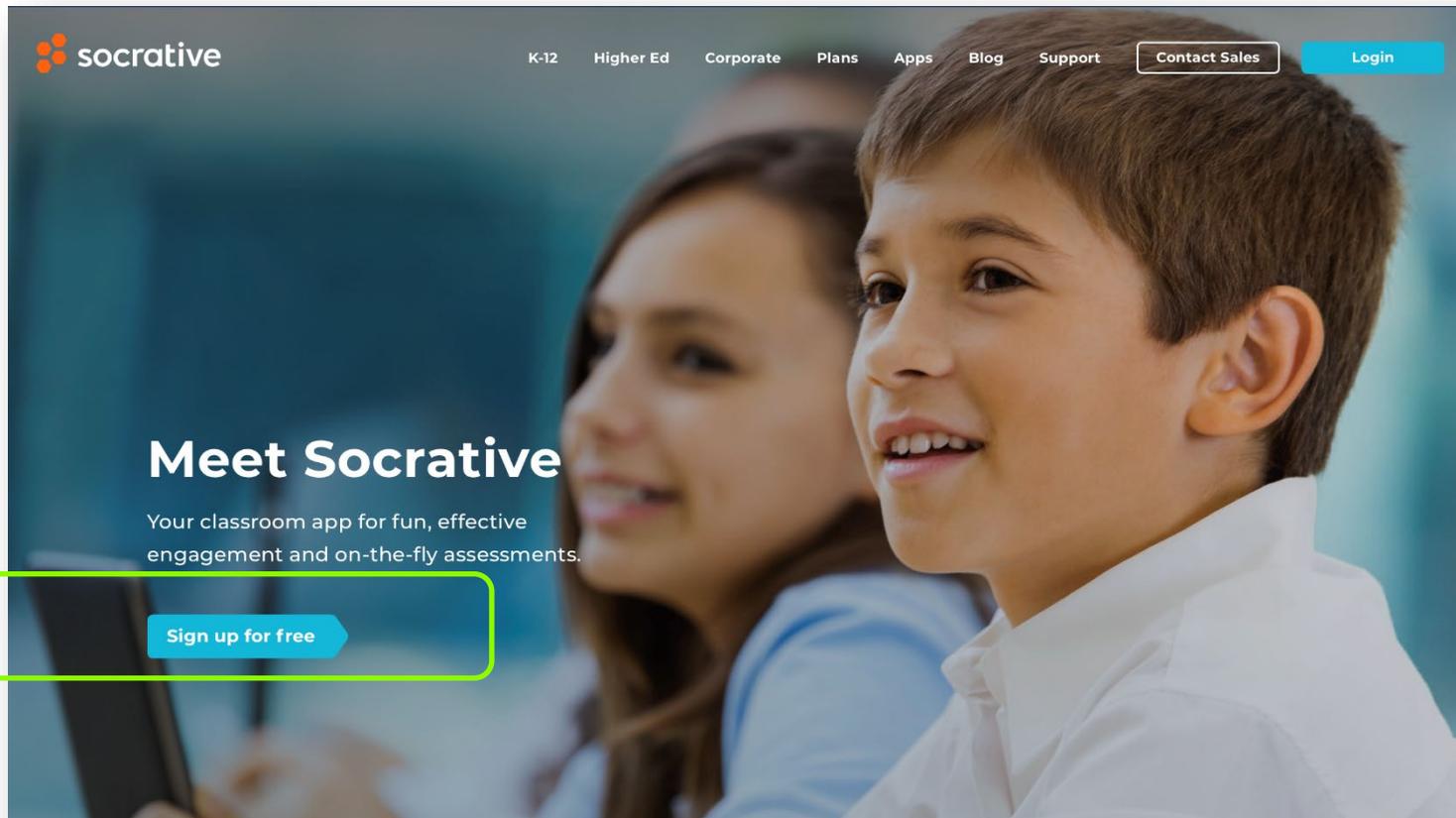
Access: <https://www.socrative.com/#login>



The screenshot shows the Socrative website homepage. At the top left is the Socrative logo. The navigation menu includes links for K-12, Higher Ed, Corporate, Plans, Apps, Blog, Support, Contact Sales, and Login. The main content area features a large image of a smiling boy and a woman. The text reads: "Meet Socrative" followed by "Your classroom app for fun, effective engagement and on-the-fly assessments." and a "Sign up for free" button.

ACCESS AS TEACHER

Acceso: <https://www.socrative.com/#login>



The screenshot shows the Socrative website homepage. At the top left is the Socrative logo. The navigation menu includes links for K-12, Higher Ed, Corporate, Plans, Apps, Blog, Support, Contact Sales, and Login. The main content area features a large image of a smiling boy and girl in a classroom. The text reads: "Meet Socrative" followed by "Your classroom app for fun, effective engagement and on-the-fly assessments." Below this is a blue button that says "Sign up for free". A red circle with the number "1" and a green line points to the "Sign up for free" button.

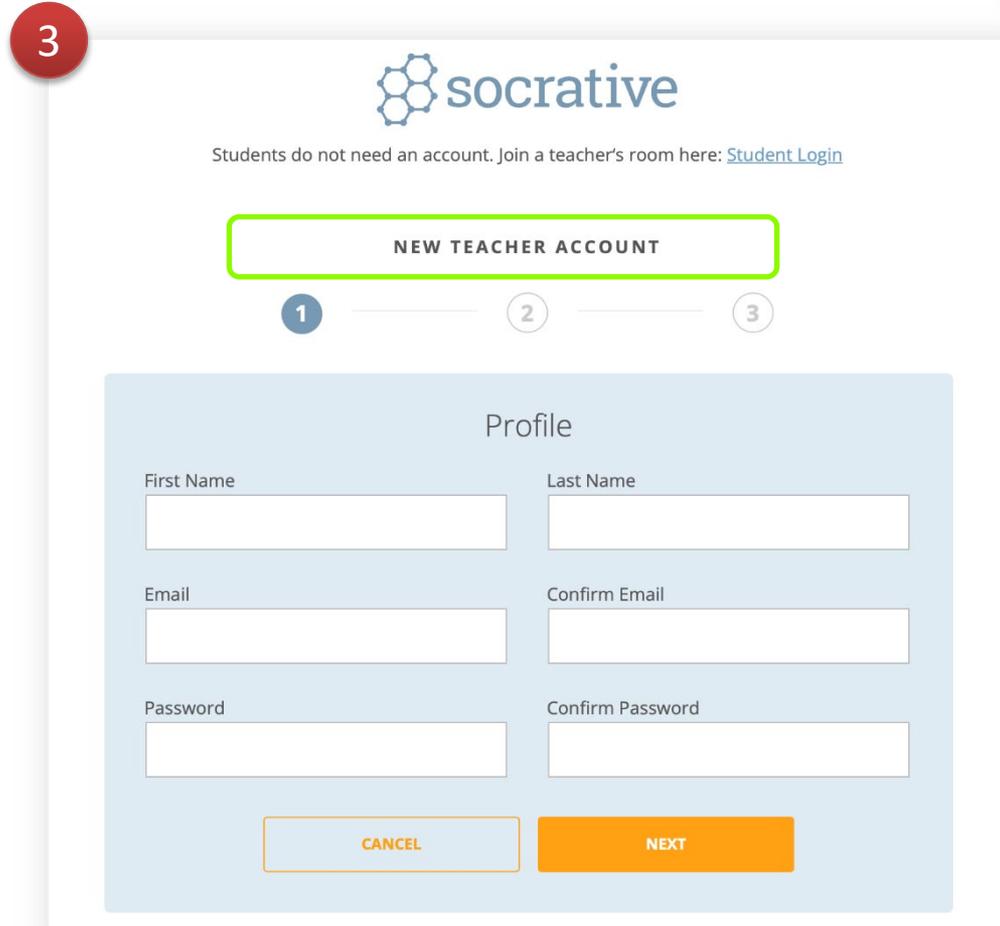
ACCESS AS TEACHER

Socrative | FREE

- 50 students per room
- 1 public room for your class
- Launch 1 activity at a time
- Create up to 5 quizzes
- Space Race assessment
- Easy quiz sharing with URLs

2 [Sign up](#)

3



socrative

Students do not need an account. Join a teacher's room here: [Student Login](#)

NEW TEACHER ACCOUNT

1 — 2 — 3

Profile

First Name

Last Name

Email

Confirm Email

Password

Confirm Password

[CANCEL](#) [NEXT](#)

Fill in with your personal information.

ACCESS AS TEACHER

❑ Teacher must register in: <https://b.socrative.com/login/teacher/>

(with email and password).

❑ The teacher visits: <https://b.socrative.com/login/teacher/>

Or uses the *Socrative Teacher App* for iOS or Android on his Tablet or mobile phone.

❑ *Socrative* assigns a “**Room Number**” that the teacher can change and choose another (MDM).

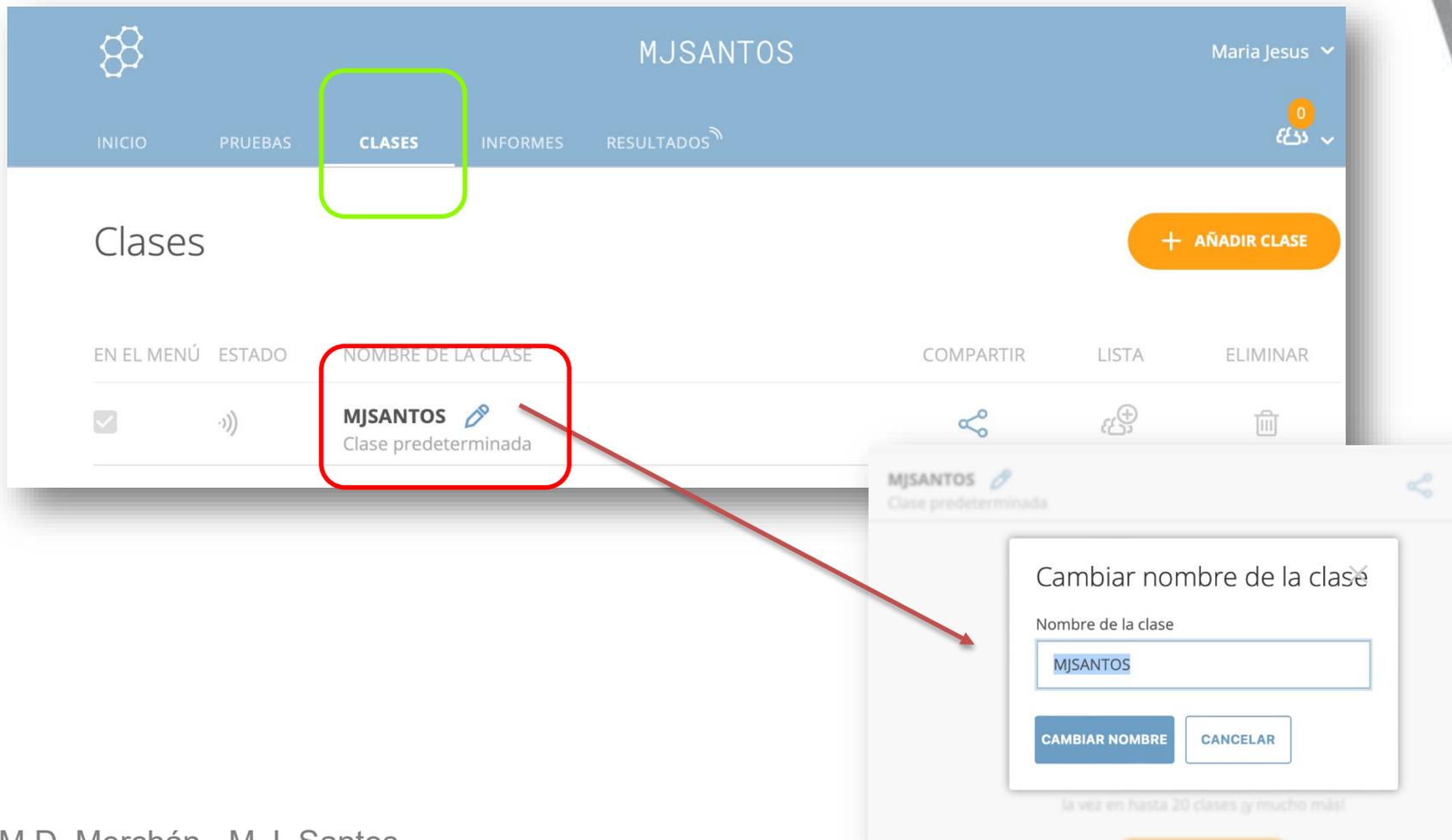
Access the profile ("**My profile**") at the top right of the home screen, by clicking on the username.

Editing "Profile" allows, among other possibilities, to change the language and change the name of the class.



The screenshot shows the Socrative app interface. At the top, the navigation bar includes the Socrative logo, the username 'MJSANTOS', and a user profile dropdown for 'Maria Jesus'. The dropdown menu is open, highlighting the 'PERFIL' option. Below the navigation bar, there are three main activity icons: 'Prueba' (Test), 'Carrera espacial' (Space Race), and 'Pregunta final' (Final Question). At the bottom, there is a 'PREGUNTA RÁPIDA' (Quick Question) section with three options: 'MC' (Multiple Choice), 'TF' (True/False), and 'SA' (Short Answer).

To change the name of the class ("**Room Name**") by customizing it:



The screenshot displays the Socrative user interface. At the top, the user is identified as 'MJSANTOS' and 'Maria Jesus'. The navigation menu includes 'INICIO', 'PRUEBAS', 'CLASES' (highlighted with a green box), 'INFORMES', and 'RESULTADOS'. Below the menu, the 'Clases' section shows a list of classes. The first class, 'MJSANTOS', is highlighted with a red box. A red arrow points from the edit icon next to the class name to a modal dialog box titled 'Cambiar nombre de la clase'. The dialog box contains a text input field with 'MJSANTOS' and two buttons: 'CAMBIAR NOMBRE' and 'CANCELAR'. At the bottom of the dialog, it says 'la vez en hasta 20 clases y mucho más!'.



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CREATING A QUIZ

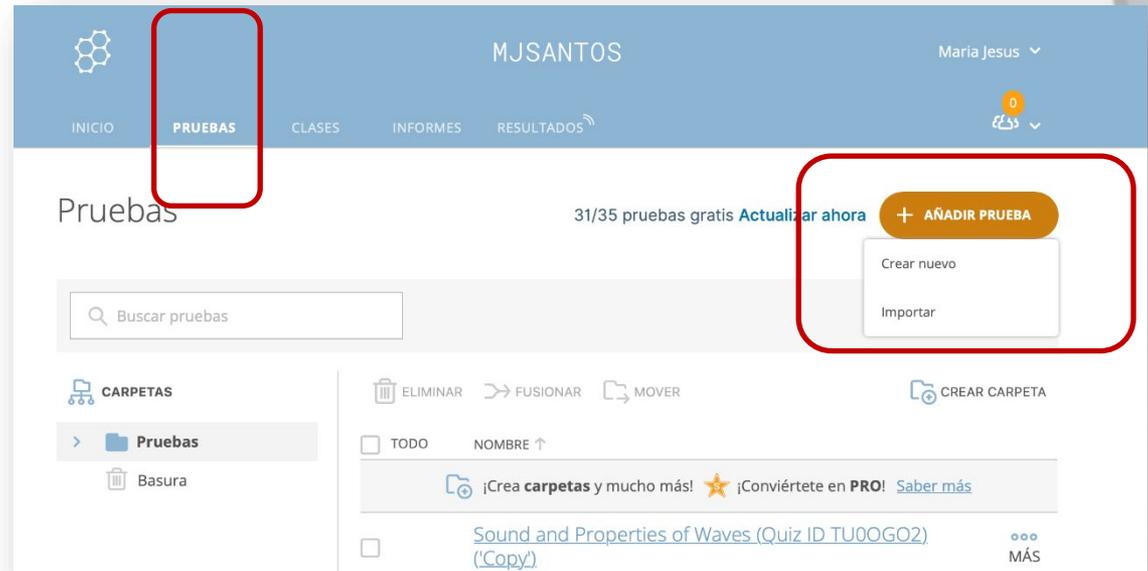
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CREATING A QUIZ

To create a quiz, in the application as a teacher, you must access the **“Tests”** Tab.

At the upper part, click on **“+Add Test”**.

Clicking on this option displays a window with two possibilities: **“Create new”** and **“Import”**.



“Create new” is selected to start creating a first questionnaire.

As a first exercise you can do a simple quiz, for this you must include:

1. Quiz title.
2. Think four true/false questions.
3. Save each one (indicating the correct answer).



MJSANTOS

Inicio PRUEBAS CLASES INFORMES RESULTADOS

Maria Jesus

1

Untitled Quiz

Guardar y salir

Ajustar prueba a evaluación basada en resultados

Compartir

¡Añade una pregunta para comenzar!

RM VF RC

Respuesta múltiple Verdadero/falso Respuesta corta

2

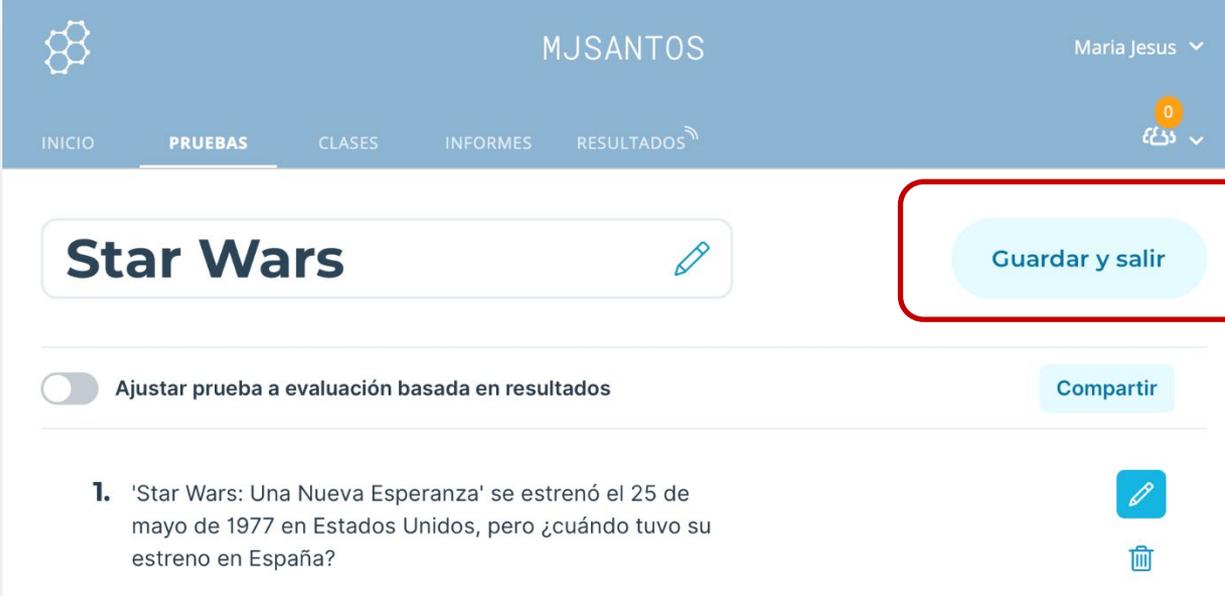
If you want to **grade the question**, according to its type, you must do the following:

- Multiple Answer: Check the cell next to the correct answer(s) (above). Socrative allows you to choose multiple correct answers. Students will have to select all the correct answers to be considered good..

- True/False: the correct answer must be marked when preparing the quiz.

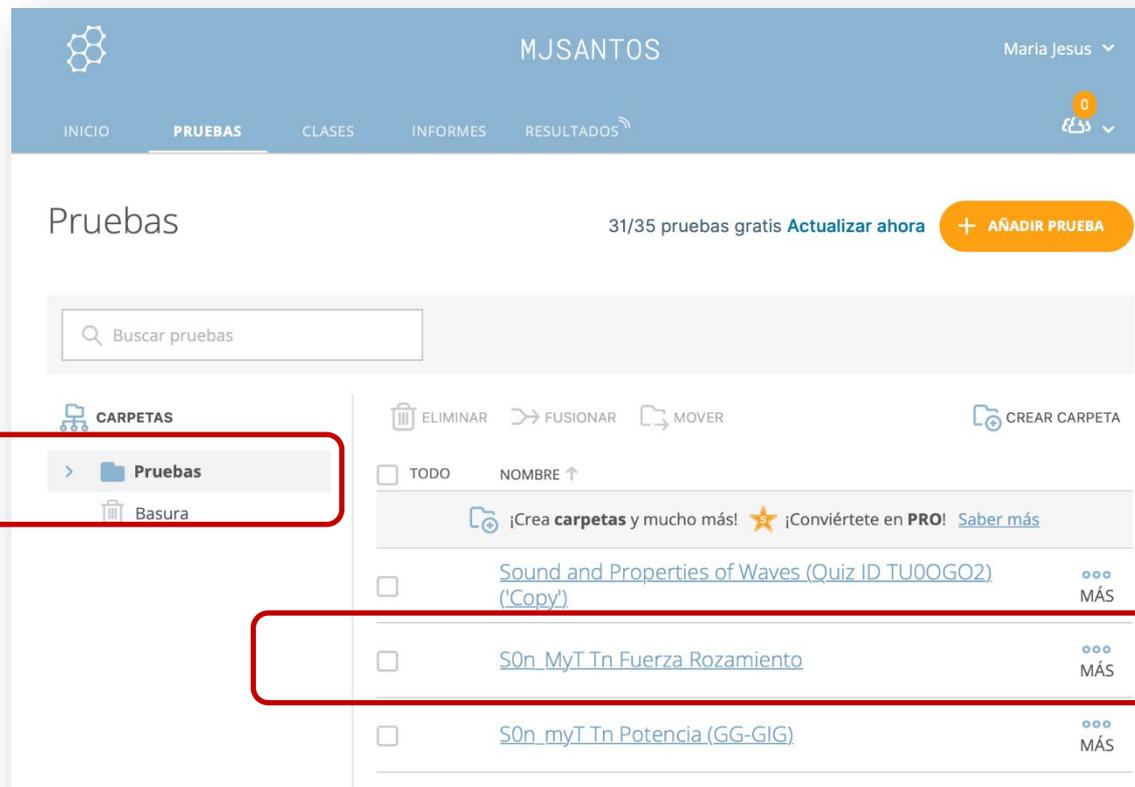
- Short Answer: questions will be graded only if the teacher writes at least one. It is marked as correct only if the student writes **exactly** what the teacher wrote as an answer (Application: problem solving).

To finish, click on **"Save and exit"**. That appears at the top right of the screen.



The screenshot shows the Socrative interface for a test titled "Star Wars". The user is identified as "MJSANTOS" and "Maria Jesus". The interface includes a navigation bar with "INICIO", "PRUEBAS", "CLASES", "INFORMES", and "RESULTADOS". The "PRUEBAS" section is active. Below the title, there is a toggle switch for "Ajustar prueba a evaluación basada en resultados" and a "Compartir" button. A question is listed: "1. 'Star Wars: Una Nueva Esperanza' se estrenó el 25 de mayo de 1977 en Estados Unidos, pero ¿cuándo tuvo su estreno en España?". The "Guardar y salir" button is highlighted with a red box and an arrow pointing to it from the text above.

One interesting possibility is that a quiz can always be **re-edited**, changed, duplicated, downloaded and shared.



MJSANTOS María Jesús

INICIO PRUEBAS CLASES INFORMES RESULTADOS

Pruebas 31/35 pruebas gratis Actualizar ahora + AÑADIR PRUEBA

Buscar pruebas

CARPETAS

- Pruebas
- Basura

ELIMINAR FUSIONAR MOVER CREAR CARPETA

TODO	NOMBRE ↑	
<input type="checkbox"/>	¡Crea carpetas y mucho más! ★ ¡Conviértete en PRO! Saber más	
<input type="checkbox"/>	Sound and Properties of Waves (Quiz ID TU0OGO2) ('Copy)	MÁS
<input type="checkbox"/>	S0n_MyT Tn Fuerza Rozamiento	MÁS
<input type="checkbox"/>	S0n_myT Tn Potencia (GG-GIG)	MÁS



CREAR CARPETA

rende más

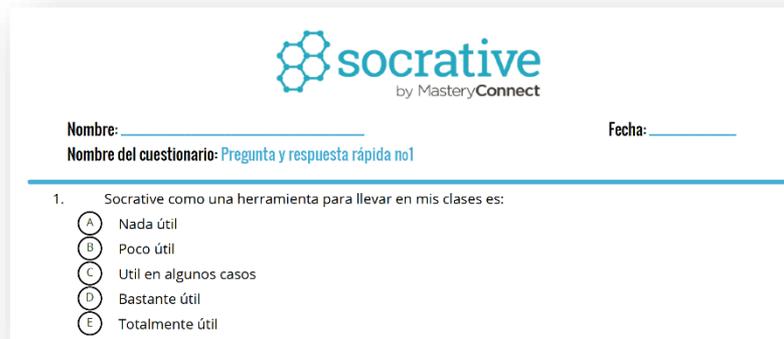
- DUPDO
- DESCARGAR
- COMPARTIR

MÁS

MÁS

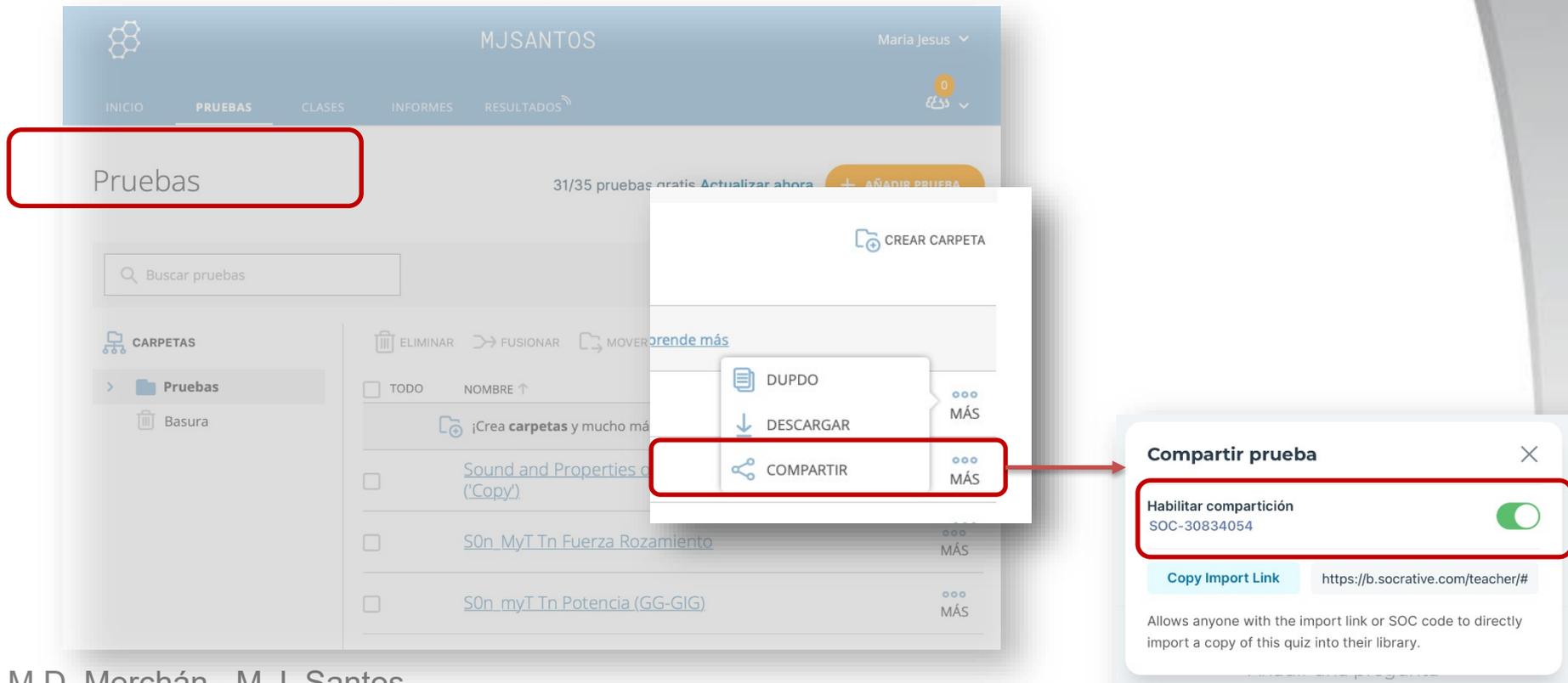
To do this, starting from the initial screen of Socrative, you have to open the "Tests" tab, and once you have selected a specific questionnaire, you can:

- Duplicate ("Copy"):** make a copy of a questionnaire, which can be modified later.
- Download:** allows you to download the questionnaire in pdf format, to print on said paper. It is useful for situations where there is no Wi-Fi:



The screenshot shows a Socrative questionnaire page. At the top, there is the Socrative logo (a blue hexagon with white dots) and the text "socrative by MasteryConnect". Below the logo, there are two fields: "Nombre: _____" and "Fecha: _____". Underneath these fields, the title of the questionnaire is "Nombre del cuestionario: Pregunta y respuesta rápida no1". A horizontal line separates the header from the questions. The first question is "1. Socrative como una herramienta para llevar en mis clases es:". Below the question, there are five radio button options labeled A through E: A) Nada útil, B) Poco útil, C) Util en algunos casos, D) Bastante útil, and E) Totalmente útil.

- ❑ **Share:** Opens a new window where you can copy a link. Teachers with the link will be able to have a copy of the selected test. To do this, you must "Enable sharing" (this option will be explained in detail later).



The screenshot illustrates the process of sharing a test in Socrative. It shows the user's profile 'MJSANTOS' and the 'PRUEBAS' (Tests) section. A search bar and a list of tests are visible. A context menu is open over a test, with the 'COMPARTIR' (Share) option highlighted. This leads to a 'Compartir prueba' (Share test) dialog box. In this dialog, the 'Habilitar compartición' (Enable sharing) toggle is turned on, and a 'Copy Import Link' is provided: <https://b.socrative.com/teacher/#>. Below the link, it states: 'Allows anyone with the import link or SOC code to directly import a copy of this quiz into their library.'

□ Edit a quiz

through the pencil icon located in the upper right part of it.

Options:

- **delete** the question (garbage can)
- **change question order** (up and down arrows)
- **duplicate** question.



□ Edit a quiz

By clicking the pencil icon at the top right of a question, you can:

Modify text of both questions and answers and add new ones.

Insert image for both questions and answers by clicking on the icon and selecting the corresponding image.

To save, click on the tick-shaped icon.



Ajustar prueba a evaluación basada en resultados

Compartir

1. ¿Cómo valoras el uso de tecnologías (tablets, móviles, etc.) en clase? 1 punto

A Muy favorablemente + [img] X

B Favorablemente + [img] X

C Indiferente + [img] X

D Desfavorablemente + [img] X

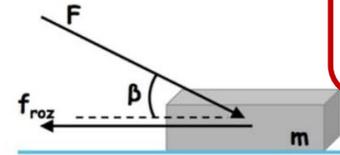
E Muy desfavorablemente + [img] X

+ Añadir respuesta

Edit a quiz

Equations

1. Un bloque de masa m se empuja sobre una superficie rugosa por medio de una fuerza F que forma un ángulo β con la horizontal tal y como muestra la figura de la derecha.
El bloque experimenta una aceleración a hacia la derecha.
¿Cuál es la magnitud de la fuerza de rozamiento f_{roz} que se opone al movimiento?



- A $F \cdot \text{sen}\beta - m \cdot a$
- B $F \cdot \text{sen}\beta + m \cdot a$
- C $F \cdot \text{cos}\beta - m \cdot a$
- D $F \cdot \text{cos}\beta + m \cdot a$
- E ma

A



B I U x_2 x^2

Insertar f_x



$F \cdot \text{sen}\beta - m \cdot a$

**Edit a quiz
equations**

forma un ángulo β con la horizontal tal y como muestra la figura. El bloque experimental está a la derecha. ¿Cuál es la magnitud que se opone al

Insertar ecuación

You can use the virtual keyboard to find math symbols, copy and paste LaTeX, or type LaTeX commands starting with a `\` character. [Saber más](#)

123 $f()$ $\infty \neq \in$ ABC $\alpha\beta\gamma$

7	8	9	÷	{	}	∈	∉	ℝ	ℑ	⌈	∇	∞	
4	5	6	×	[]	⊂	⊃	!	′	⌊	∂	∅	
1	2	3	-	<	>	⊆	⊇	→	¯		*	⊗	
0	.	=	+	,	·	:	○	≈	≠	±	<	>	↔
					centered dot	colon	circle	approx.					

Edit a quiz

Equations



Nombre _____

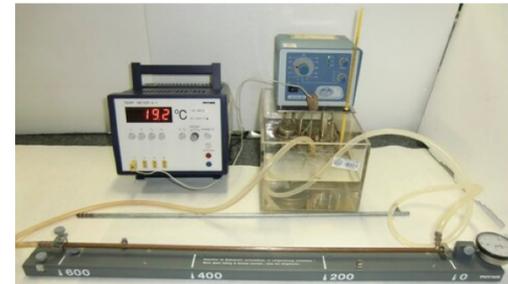
Fecha _____

Puntuación _____

Práctica dilatación lineal de sólidos

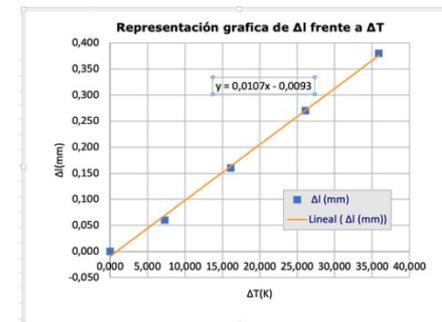
1. ¿Qué ocurre cuando se calienta una varilla?

- A Se alarga
- B Se queda igual
- C Se curva
- D Se encoge



2. ¿Cómo podemos calcular el coeficiente de dilatación lineal de una varilla de longitud inicial l_0 , siendo a la pendiente de la recta obtenida al representar Δl frente a ΔT ?

- A $\alpha_l = a \cdot l_0$
- B $\alpha_l = l_0/a$
- C $\alpha_l = 1/(a \cdot l_0)$
- D $\alpha_l = a/l_0$





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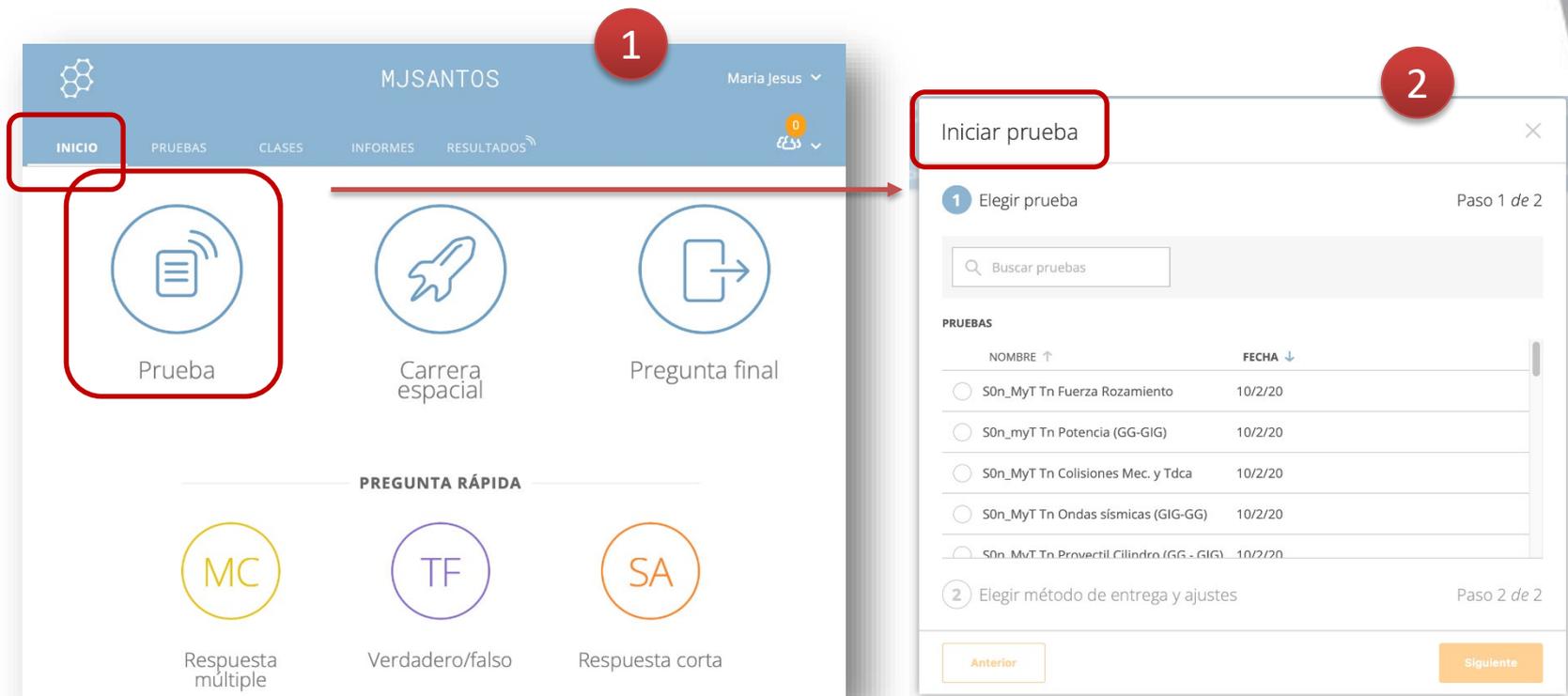
LAUNCH A QUESTIONNAIRE

Tools to energize Didactics in Education

Once a quiz has been created, it is time for students to answer the questions.

To **launch a quiz** you must access *Socrative* as a teacher.

In the "Start" control panel, select "Test" and the "Start Test" window is displayed.



The image shows two screenshots of the Socrative interface. The first screenshot, labeled with a red circle '1', shows the main dashboard for user 'MJSANTOS'. The 'INICIO' tab is selected and highlighted with a red box. Below it, the 'Prueba' button (represented by a document icon with a signal) is also highlighted with a red box. Other buttons include 'Carrera espacial' (rocket icon) and 'Pregunta final' (document with arrow icon). Below these are 'PREGUNTA RÁPIDA' options: 'MC' (Respuesta múltiple), 'TF' (Verdadero/falso), and 'SA' (Respuesta corta). A red arrow points from the 'Prueba' button to the second screenshot.

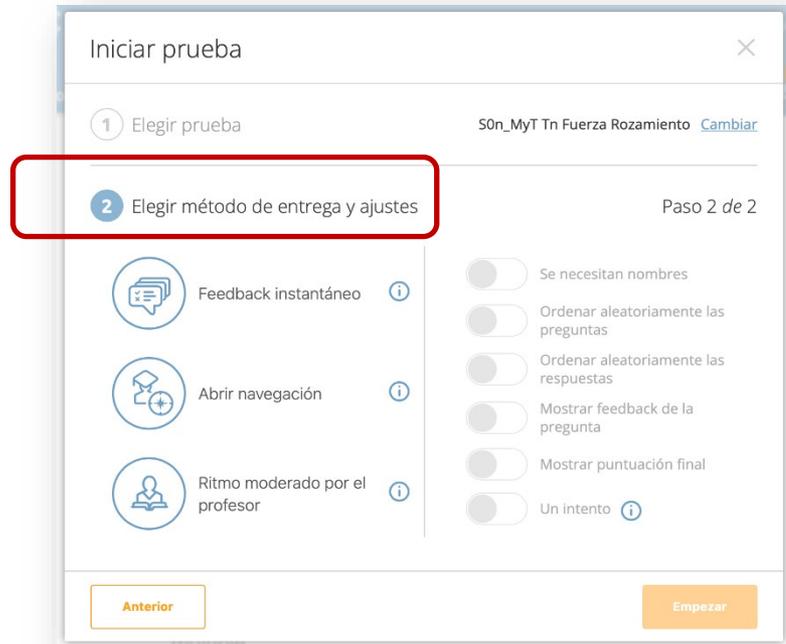
The second screenshot, labeled with a red circle '2', shows the 'Iniciar prueba' dialog box. It has a search bar labeled 'Buscar pruebas'. Below it is a table of available quizzes:

NOMBRE ↑	FECHA ↓
<input type="radio"/> S0n_MyT Tn Fuerza Rozamiento	10/2/20
<input type="radio"/> S0n_myT Tn Potencia (GG-GIG)	10/2/20
<input type="radio"/> S0n_MyT Tn Colisiones Mec. y Tdca	10/2/20
<input type="radio"/> S0n_MyT Tn Ondas sísmicas (GIG-GG)	10/2/20
<input type="radio"/> S0n_MvT Tn Proyectil Cilindro (GG - GIG)	10/2/20

At the bottom of the dialog box, there are two steps: '1 Elegir prueba' (Paso 1 de 2) and '2 Elegir método de entrega y ajustes' (Paso 2 de 2). Navigation buttons 'Anterior' and 'Siguiente' are at the bottom.

Some steps must be followed:

1. **“Choose test”** (click on the selected test and click “next”).
2. **“Choose delivery method and settings”**. For each configuration, a series of options are automatically generated:
 - Instant feedback
 - Open navigation
 - Paced by the teacher





Iniciar prueba

1 Elegir prueba S0n_MyT Tn Fuerza Rozamiento [Cambiar](#)

2 Elegir método de entrega y ajustes Paso 2 de 2

Feedback instantáneo

Abrir navegación

Ritmo moderado por el profesor

Se necesitan nombres

Ordenar aleatoriamente las preguntas

Ordenar aleatoriamente las respuestas

Mostrar feedback de la pregunta

Mostrar puntuación final

Un intento

Anterior Empezar

"Paced by the teacher" The teacher marks the time of each question to move on to the next one.

It requires students to enter their names.

In the first option **"Instant feedback"** once the student answers the question, it is indicated which is the correct answer. The student's identification is also required.

Launching in "**Open navigation**", which is the second option, the application messes up the questions and answers. The teacher marks the total time of the quiz, not by questions.

The next step would be "Start".

Now it would be the turn of the students to take the test.





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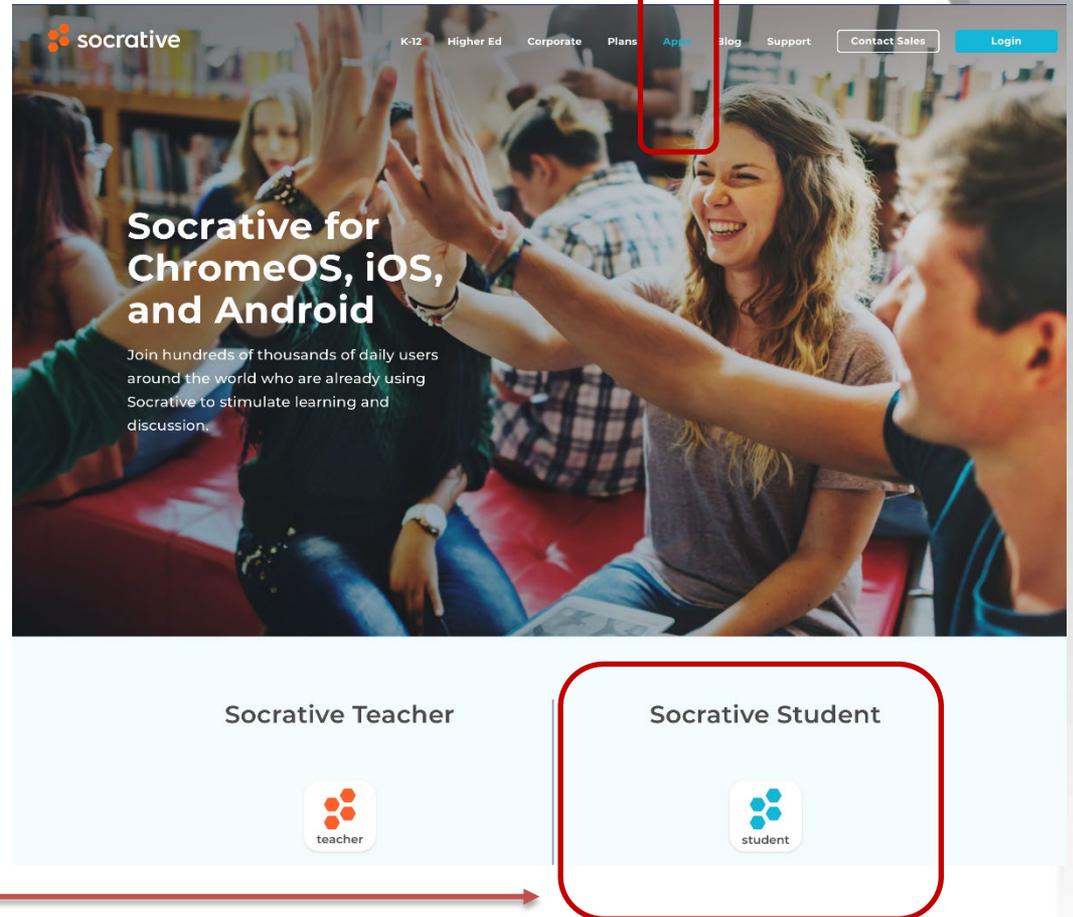
ACCESS AS A STUDENT

Tools to energize Didactics in Education

ACCESS AS A STUDENT

Two possibilities:

1. Go to the page
<https://b.socrative.com/login/student/>
2. Download the app



The screenshot shows the Socrative website interface. The navigation menu includes 'K-12', 'Higher Ed', 'Corporate', 'Plans', 'Apps', 'Blog', 'Support', 'Contact Sales', and 'Login'. The 'Apps' menu is highlighted with a red box and an arrow. Below the main content area, there are two buttons: 'Socrative Teacher' and 'Socrative Student'. The 'Socrative Student' button is highlighted with a red box and an arrow. The background image shows a group of students in a classroom setting, with one student raising their hand.

ACCESS AS A STUDENT

Students must enter the “Room Number” indicated by the teacher to access a specific questionnaire.



The screenshot shows the Socrative Student Login interface. At the top, the Socrative logo is displayed. Below it, the text "Student Login" is centered. Underneath, there is a label "Room Name" followed by a text input field. Below the input field is a large orange button labeled "JOIN". At the bottom right, there is a language selection dropdown menu showing "English" with a small flag icon and a downward arrow.

Another window will appear in which students must identify themselves by their full name, ID, or an avatar.

Students respond through their mobile, tablet or PC.



Socrative



INTERACTION STUDENTS-TEACHER

- The teacher asks a question.
- Students respond through their mobile, tablet or PC.
- The teacher can see the number of students who have answered, as well as the text of the answers (or the options chosen).
- The teacher can see/display the results obtained in the quiz.



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TASK

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TASK

- Create a quiz on a topic of interest to you.
- The quiz must have one question of each type (at least 3 questions).
- Also add the correct answer so it can be automatically corrected.
- Include images.
- Share it among the participants via Moodle.
- Send us the pdf of that quiz (mdm@usal.es).

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REPORTS

Tools to energize Didactics in Education

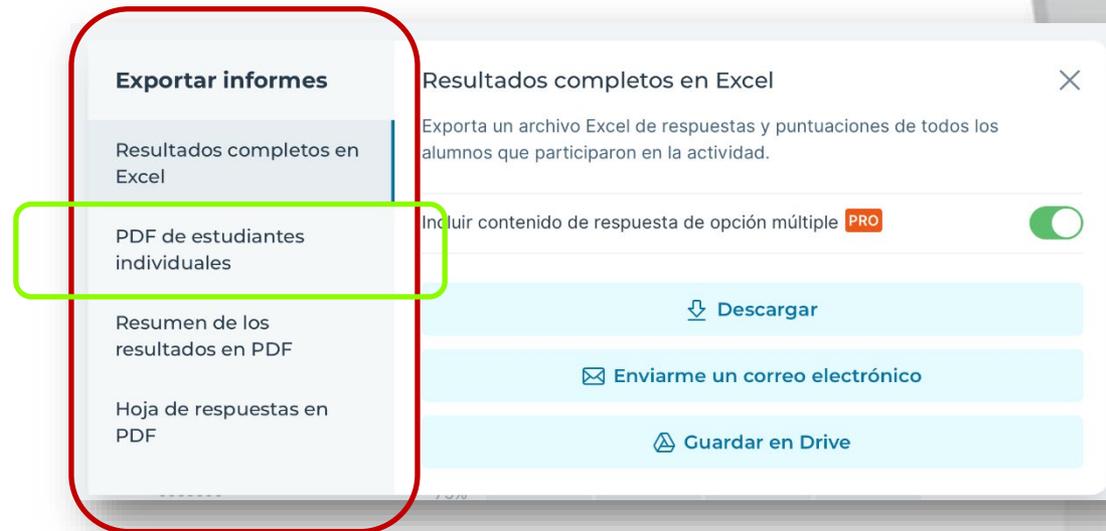
REPORTS

Socrative Socrative stores the results of the questionnaires in an **Excel** sheet, and they can be viewed and manipulated as desired.

To do this, from the "**Reports**" tab, select the desired questionnaire.

There are several possibilities: What report do you want to get?

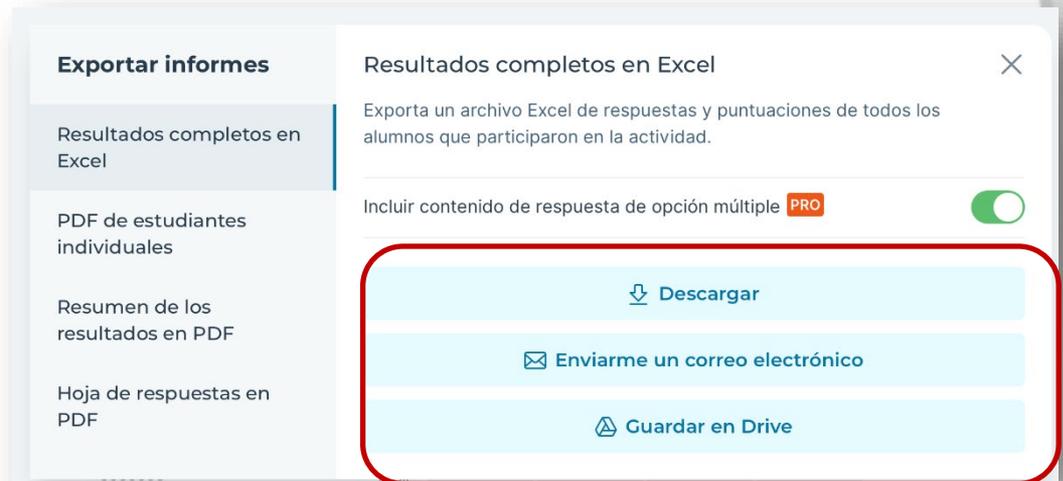
- Excel of the whole class.
- Individual pdf of one or more students.
- Results of one specific question in pdf.
- You can also select all three, and consult the information in each one of them.



REPORTS

❑ Through which channel do you want to obtain the report?

- **By email** (to the email with which the *Socrative* account was created).
- **“Download”** to the computer.
- **“Save in Drive”** for this option you have to access from the beginning through the Gmail account. An advantage of this option is that the information is stored in the cloud and can be accessed from anywhere. The mail of the students and professors of the University of Salamanca is from Gmail and unlimited storage space is available in Drive.



The screenshot shows the 'Exportar informes' (Export reports) menu in Socrative. The menu is divided into two columns. The left column lists four options: 'Resultados completos en Excel' (highlighted), 'PDF de estudiantes individuales', 'Resumen de los resultados en PDF', and 'Hoja de respuestas en PDF'. The right column shows the configuration for 'Resultados completos en Excel', including a description: 'Exporta un archivo Excel de respuestas y puntuaciones de todos los alumnos que participaron en la actividad.' Below this is a toggle switch for 'Incluir contenido de respuesta de opción múltiple PRO' which is turned on. At the bottom, three buttons are visible: 'Descargar' (Download), 'Enviarme un correo electrónico' (Send me an email), and 'Guardar en Drive' (Save to Drive). A red box highlights these three buttons.

REPORTS

In this spreadsheet you can see, for each question, the answers of all the students, the percentage of correct answers for each of them as well as the percentage of correct answers according to the question, which gives information of the knowledge of the group in real time.

Los nombres de los estudiantes	Puntuación total (0 - 100)	Número de respuestas correctas	El resultado de un producto escalar de dos vectores es una magnitud vectorial	El momento de un vector respecto de un punto es una magnitud vectorial	La derivada respecto del tiempo de $v(t)=4t^3$ es: $12t^2$	La integral respecto del tiempo de $v(t)=4t^3$ es: $12t^2$
A	100	4	False	True	True	False
A	100	4	False	True	True	False
A	100	4	False	True	True	False
C	100	4	False	True	True	False
Ig	75	3	False	False	True	False
Is	100	4	False	True	True	False
J	50	2	True	False	True	False
J	100	4	False	True	True	False
J	100	4	False	True	True	False
J	100	4	False	True	True	False
J	100	4	False	True	True	False
J	100	4	False	True	True	False
J	100	4	False	True	True	False
L	75	3	False	True	True	True
L	25	1	False	False	True	False
L	75	3	False	False	True	False
M	75	3	True	True	True	False
S	100	4	False	True	True	False
S	100	4	False	True	True	False
U	75	3	True	True	True	False
clase de puntuación	86,1%	3,44	83,3%	77,8%	94,4%	88,9%

REPORTS

Another way to obtain the reports is in graph format by means of "See graph" in which the summarized information of the group appears.

The results are presented both by students (horizontal percentages) and by question (vertical percentages). In green the correct answers. In red those that have failed.

Mostrar nombres Mostrar respuestas

Nombre ↑	Puntuación (%) ↓	1	2	3
*****	67%	Verdader	Verdader	Falso
*****	100%	Verdader	Falso	Falso
*****	100%	Verdader	Falso	Falso
*****	33%	Falso	Falso	Verdader
*****	100%	Verdader	Falso	Falso
*****	33%	Falso	Falso	Verdader
*****	67%	Falso	Falso	Falso
*****	100%	Verdader	Falso	Falso
*****	67%	Verdader	Verdader	Falso
*****	100%	Verdader	Falso	Falso
*****	0%	Falso	Verdader	Verdader
*****	100%	Verdader	Falso	Falso
*****	100%	Verdader	Falso	Falso
*****	67%	Verdader	Falso	Verdader
*****	100%	Verdader	Falso	Falso
*****	100%	Verdader	Falso	Falso
Total de la clase		75%	81%	75%



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SHARE AND IMPORT TESTS

Tools to energize Didactics in Education

SHARE AND IMPORT TESTS

An interesting tool that Socrative presents within the philosophy of **collaborative work** for a group of teachers, is to share questionnaires with other users of the program.

- There is the possibility of offering your own questionnaire so that another teacher can work with it or modify it, according to their needs, "**Sharing**".
- It is also possible to obtain a copy of a questionnaire from another teacher or "**Import**" a test.

An identifier is needed for each questionnaire, which is a set of letters and numbers called "**SOC**" (SOCrative Identifier).

SHARE AND IMPORT TESTS

In the "Tests" tab, a test opens and, within it, the "**Share**" option (top right).

A new sale emerges: "**Share test**"



Clicking on "**Enable sharing**" we can see the "SOC" of said test.

This allows anyone with the Link or SOC code to import a copy of this test and add it directly to their library.

To import you must have a teacher account in *Socrative*.

enter the "SOC" of the questionnaire that interests you. Click on "Import test" and th



Socrative



SHARE AND IMPORT TESTS

To import a questionnaire, you must access the "Tests" tab.

In the upper right part the click the option **"Add Test"** .

Displays a window with two possibilities: "Create new" and "Import".

Enter the "SOC" of the questionnaire that interests you.

Click on "Import test" and the test would already be in our "Tests" folder.

A screenshot of a web application dialog box titled "Importar prueba" with a close button (X) in the top right corner. The dialog is divided into two sections. The first section, "De otro profesor", contains the instruction "Introduce el número SOC de una prueba compartida para importarla a tu cuenta." Below this is a text input field containing "SOC-XXXXX" and a light blue button labeled "Importar prueba". The second section, "De Excel (xls)", contains a light blue button labeled "Elegir archivo" and the text "Descargar plantilla" to its right.

SHARE AND IMPORT TESTS

SOC-45188770



Importar prueba ×

De otro profesor

Introduce el número SOC de una prueba compartida para importarla a tu cuenta.

[Importar prueba](#)

De Excel (xls)

[Elegir archivo](#) [Descargar plantilla](#)

Select SOC of the Salamanca example, or any of your classmates and click on “Import test”.

It will appear in your Socrative test list, appended to the end “Copy”.

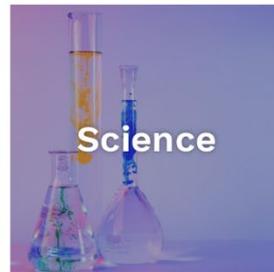
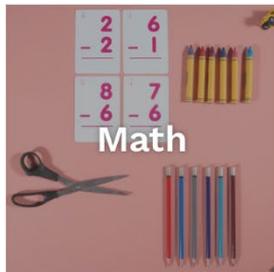
SHARE AND IMPORT TESTS

You can also find quizzes to use in a list of shared quizzes from *Socrative*:

<https://quizshop.co>

You can do a search by topic of interest:

EXPLORE SUBJECT AREAS



can be imported by clicking on “Copy quiz to my Socrative Account” and it appears in



SHARE AND IMPORT TESTS

Let's select, For example, “Science”.

A side menu (left) appears with possible keys to focus the search: topic, level, keywords, type of activity, number of questions and author.

The screenshot displays the Socrative interface. On the left, a side menu is visible with the following categories: CLASSES, GRADE LEVELS, KEYWORDS, # OF QUESTIONS, ACTIVITY TYPE, and QUIZ AUTHOR. The main content area shows a quiz titled "Sound and Properties of Waves" (Quiz ID TU0G02) under the subject "Science". The quiz details include "8 Qs" and "88 Uses". Below this, it lists "Grade 10, Grade 9" and "Frequency, Properties Of Waves, Sound, Wavelength". A green button labeled "VIEW DETAILS" and a heart icon are present. At the bottom, a button labeled "COPY QUIZ TO MY SOCRATIVE ACCOUNT" is highlighted with a red box. The quiz questions are partially visible, including: "1. What is the highest point on a wave graph called?", "2. What is the lowest point on a wave graph called?", "3. One wavelength consists of three crests.", "4. The shorter your wavelength, the larger the frequency.", and "5. What is the equation we used to measure speed?".

The selected quiz can be imported by clicking on “Copy quiz to my Socrative Account” and it appears in your quiz library.

There is a limit to the number of tests to import if you don't have the PRO-version.

SHARE AND IMPORT TESTS

Se puede también **compartir** un cuestionario desde de la pantalla inicial de *Socrative*. Para ello, se abre la pestaña “Pruebas”, y, una vez seleccionado un cuestionario en concreto, se hace clic sobre la opción “**Compartir**”.



The image shows two parts of the Socrative interface. On the left, a screenshot of the 'Pruebas' (Tests) tab is shown. A red circle with the number '1' highlights the 'COMPARTIR' (Share) option in the context menu for a selected test. On the right, a screenshot of the 'Compartir prueba' (Share test) dialog box is shown. A red circle with the number '2' highlights the dialog. The dialog includes a toggle for 'Habilitar compartición' (Enable sharing), which is turned on, and a 'Copiar enlace de importación' (Copy import link) button. Below this, the URL 'https://b.socrative.com/teacher/#i' is displayed. A green arrow points from the 'COMPARTIR' option in the first screenshot to the 'Copiar enlace de importación' button in the second screenshot.

Aparece una ventana, en la que además del “SOC” del test, se genera el enlace a dicho formulario.

Al hacer clic sobre “*Dupdo*” se copia dicho enlace y se puede pegar en un correo u otro medio para su difusión. A la persona que se le envía dicho correo, tendrá en sus “Pruebas” una copia del test en cuestión.



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SPACE RACE

Tools to energize Didactics in Education

SPACE RACE

One of *Socrative's* interesting options is the possibility of launching the quiz or test through a "Space Race" competition, represented with a rocket.



SPACE RACE

The Space Race allows to establish a team competition between the students of the class. Each team is identified with a color.

The Space Race can be used to work in groups and to collaborate to answer the questions.

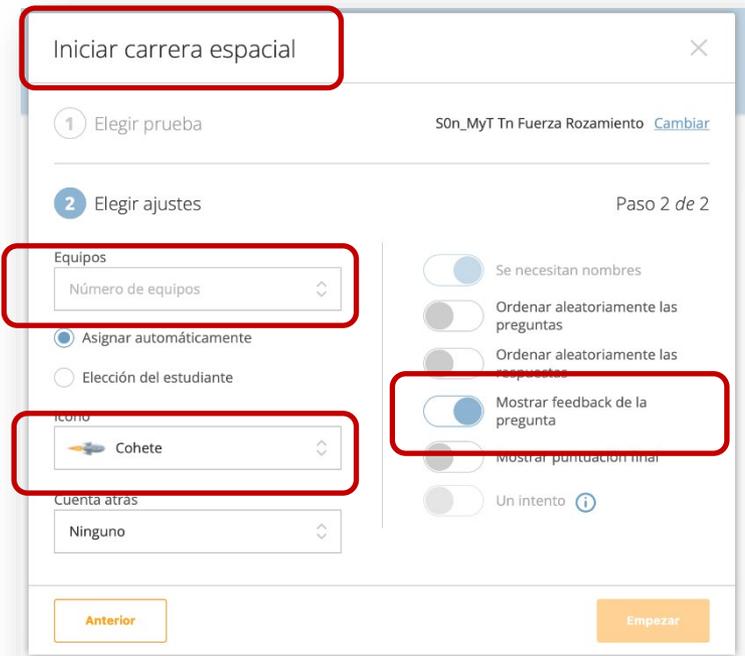
The response time and the number of correct answers of the team are valued.

To launch a Space Race follow the steps:

- From the home screen click on “Space Race”
- Select the quiz you want to present as a Space Race.

SPACE RACE

- The quiz must have graded questions, otherwise the rockets won't move.
 - Select the number of teams and the icon of the race are selected.
 - There are several icons, but the best known is the rocket, as shown in the figure.
-
- It is possible to disable “Get question feedback” popup to speed up the game.
 - Click on the **Yes** (blue) to change the option to **No** (grey).



SPACE RACE

- Click on “Start” to begin the Race.
- It is important to use the projector so students can see their progress.
- Click on "Finish" to stop the race. The students see the waiting screen.
- In the figure, a image of the development of the team competition through "Space Race" presented by *Socrative*.



Students can play alone or share a device to play together.



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INSPIRATION

Tools to energize Didactics in Education

INSPIRATION

The possibilities for using Socrative in the classroom are numerous and varied, for example::

- The use of Socrative is especially interesting in classes with many students, since it allows the participation of the whole group by answering the same questions.
- The correction teacher's task is lightened in very large groups by obtaining the evaluation reports provided by *Socrative*.
- In the free version there is a limit of 50 students per "room" which is a problem if there are more students in the classroom. A possible solution is to generate the same questionnaire through several email accounts with different **“Room names”**.

INSPIRATION



Nombre _____

Fecha _____

Tema1_Problema6

Puntuación _____

1. En un proceso adiabático de un gas ideal, se verifica:

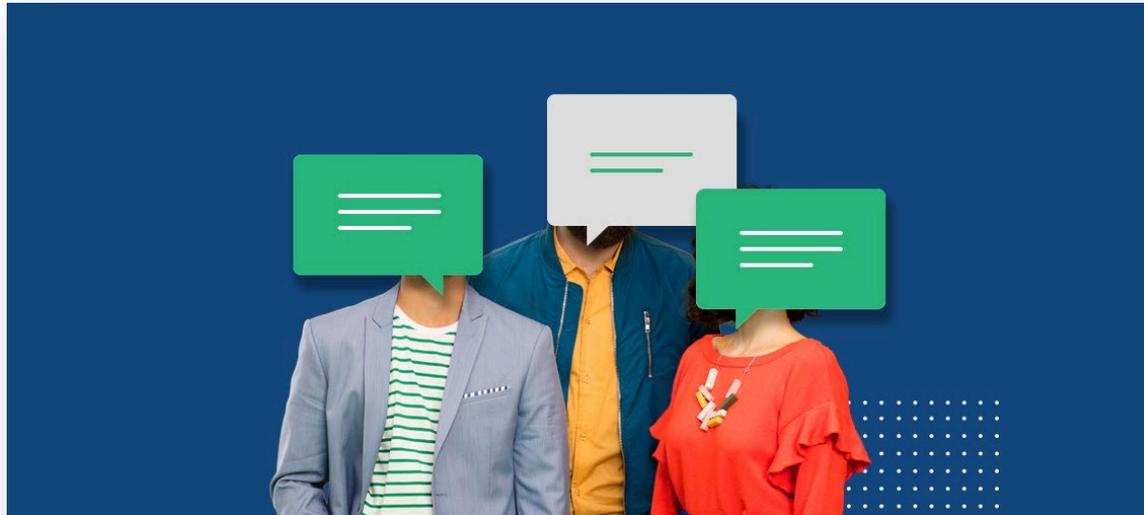
- (A) $T^{(\gamma)} \cdot P^{(1-\gamma)} = \text{cte}$ (producto de la Temperatura elevado a γ por la Presión elevado a uno menos γ es constante)
- (B) $P \cdot V^{\gamma} = \text{cte}$ (producto de la Presión por el Volumen elevado a γ es constante)
- (C) $T \cdot V^{(\gamma-1)} = \text{cte}$ (producto de la Temperatura por el Volumen elevado a γ menos uno es constante)
- (D) Todas son verdaderas

2. Temperatura a la salida de la tobera, si esta fuese ideal: T2s

- (A) 398 K
- (B) 312.2 K
- (C) 290.8 K
- (D) 2811.82 K
- (E) 2008.44 K

INSPIRATION

- ❑ For students who fear that "what they don't know" will be known, *Socrative* overcomes the hurdle by allowing **anonymous quizzes**.



INSPIRATION



Nombre _____

Fecha _____

Tema0_Problema4

Puntuación _____

1. Agua saturada (líquida) a la temperatura de 150 °C ¿Cuál es su energía interna por unidad de masa?

- (A) 631,68 kJ/kg
- (B) 2559,5 kJ/kg
- (C) 631,68 kJ
- (D) 2559,5 kJ

2. Agua saturada (líquida) a temperatura de 150 °C ¿Cuál es su volumen específico?

- (A) $1,0905 \cdot 10^3 \text{ m}^3/\text{kg}$
- (B) $1,0905 \cdot 10^{-3} \text{ m}^3/\text{kg}$
- (C) $0,3928 \cdot 10^3 \text{ m}^3/\text{kg}$
- (D) $0,3928 \cdot 10^{-3} \text{ m}^3/\text{kg}$

3. ¿Cuál es el cambio de exergía por unidad de masa en el problema 4?

- (A) 39 634,3 kJ/kg
- (B) -147 109 kJ/kg
- (C) 502 384 J/kg
- (D) 463 214 kJ/kg
- (E) 463,605 J/kg

INSPIRATION



- ❑ El The use of **quick quizzes** allows you to **check knowledge** at a given time: at the beginning, in the middle or at the end of the class.

Before explaining a new concept or topic, it allows a **diagnostic evaluation** that helps the teacher to determine the degree of knowledge that their students have about it.

It catches misconceptions about the topic and helps students remember what they already know, putting them in a position to build on that prior knowledge.

INSPIRATION



Nombre _____

Fecha _____

Motor Stirling

Puntuación _____

1. Un motor Stirling realiza un ciclo termodinámico formado por:
 - (A) Dos isotermas alternadas con dos adiabáticas
 - (B) Dos isotermas alternadas con dos isóbaras
 - (C) Dos isotermas alternadas con dos isócoras
 - (D) Dos isóbaras alternadas con dos adiabáticas
 - (E) Dos isoentrópicas alternadas con dos isócoras

2. Un motor Stirling con regeneración, tendrá un rendimiento:
 - (A) mayor que el de un motor Stirling sin regeneración
 - (B) igual que el de un motor Stirling sin regeneración
 - (C) menor que el de un motor Stirling sin regeneración
 - (D) coincide con el rendimiento de un ciclo de Carnot que funcione entre las mismas temperaturas
 - (E) sin otros datos no se puede saber la respuesta

INSPIRATION

- ❑ The teacher can design strategies for the best use of the system. For example, ask the same question at the beginning and at the end to motivate learning, and have **information about the learning process of the students.**



When introducing new concepts, the teacher can go on launching questions designed in such a way that they allow him to detect if the concept has been understood or if there are aspects of it that require more explanation.

In addition, the individualized reports on each student allow you to know the evolution of each one.

INSPIRATION



- ❑ In the **laboratory**, *Socratic* questionnaires can be used in different situations. An initial test can be done to check if the students have previously read the practical report.
- ❑ When all the students carry out the same practice, **collecting the results** through *Socratic* questionnaires allows an easy comparison between them and facilitates the subsequent discussion about the discrepancies.

INSPIRATION



Nombre _____

Fecha _____

Puntuación _____

Práctica dilatación lineal de sólidos

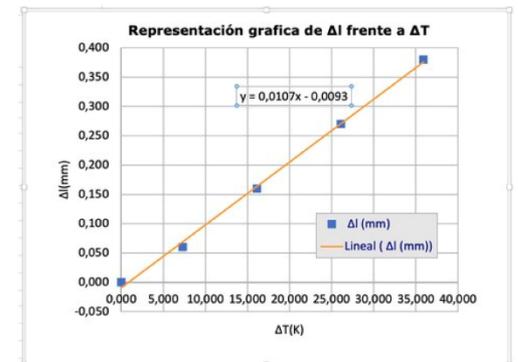
1. ¿Qué ocurre cuando se calienta una varilla?

- (A) Se alarga
- (B) Se queda igual
- (C) Se curva
- (D) Se encoge

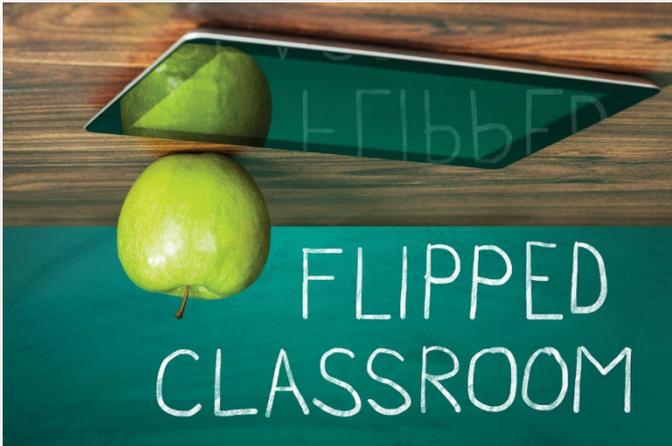


2. ¿Cómo podemos calcular el coeficiente de dilatación lineal de una varilla de longitud inicial l_0 , siendo a la pendiente de la recta obtenida al representar Δl frente a ΔT

- (A) $\alpha_l = a \cdot l_0$
- (B) $\alpha_l = l_0/a$
- (C) $\alpha_l = 1/(a \cdot l_0)$
- (D) $\alpha_l = a/l_0$



INSPIRATION



□ When using the "**Flipped Classroom**" methodology, *Socratic* makes it possible to evaluate the use of homework simultaneously but individually for the whole class.

After a first individual test, it is interesting to ask questions that must be answered in a group. This situation will encourage discussion within the groups, causing doubts to surface and concepts to be clarified.

INSPIRATION

- ❑ It is important that the **type of questionnaire is not always the same**, to maintain the interest that the novelty creates in the student. Thus, it is convenient to introduce from time to time "space races" that add the incentive of competition between teams.
- ❑ In any of the above situations, the list of results allows the teacher to document the continuous evaluation of their students, and on the other hand to detect the students who have attended class, without the need to spend time in "**Passing the list**".



INSPIRATION

Finally, some suggestions for the use of Socrative are presented, drawn from real experiences in different circumstances and educational settings:

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- Méndez-Coca, David, and Josip Slisko. "Software Socrative and smartphones as tools for implementation of basic processes of active physics learning in classroom: An initial feasibility study with prospective teachers" *European Journal of Physics Education* 4.2 (2013): 17-24. [Enlace](#)

REFLECTIONS

- It facilitates the work within the field of evaluation, which can sometimes be tedious and long.
- Learning to use this tool is very easy.
- Despite the fact that its use may generate some skepticism, the general opinion once it has been used is that it turns out to be very useful on a day-to-day basis in classes.
- To be able to use it, the use of tablets and the Internet is necessary.
- We cannot forget the characteristics of our students, since they have different learning rates.
- Socrative is not the only tool, as there are other similar ones like Kahoot, plickers, etc.



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BIBLIOGRAPHY

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Continuous evaluation through Socrative

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