




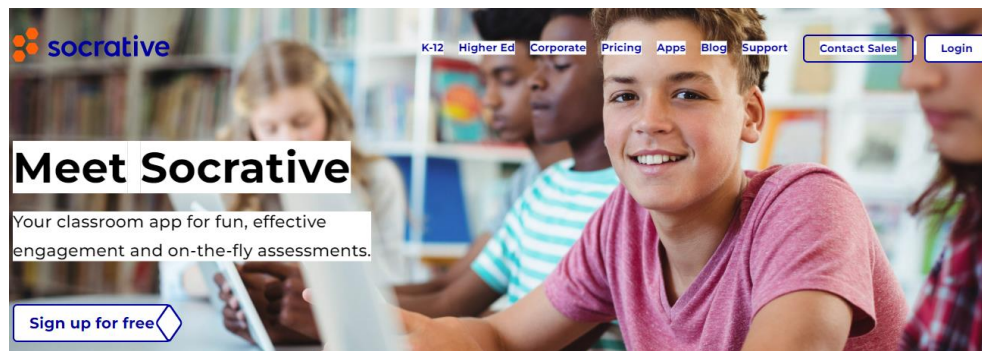
	MATERIA	Fisica
	ARGOMENTO DELLA LEZIONE	L'esperimento della doppia fenditura/dualismo onda-particella
	LIVELLO	16-18 anni
	STRUMENTO	Socratico
	ATTIVITÀ	Creare un quiz di verifica
	RISORSE:	Informazioni relative all'argomento trattato. Link utili sono inclusi nella sezione "Risorse" della sequenza pedagogica n° 2.



PASSAGGI – PER INIZIARE

1. Andate sul sito web: [Socrative.com](https://www.socrative.com)



2. Cliccate su “Log-In” e accedete con il vostro account Gmail o create un nuovo account Socrative.

Teacher Login

Email

Password

[Reset password](#)

Or



Sign in with Google

New to Socrative?



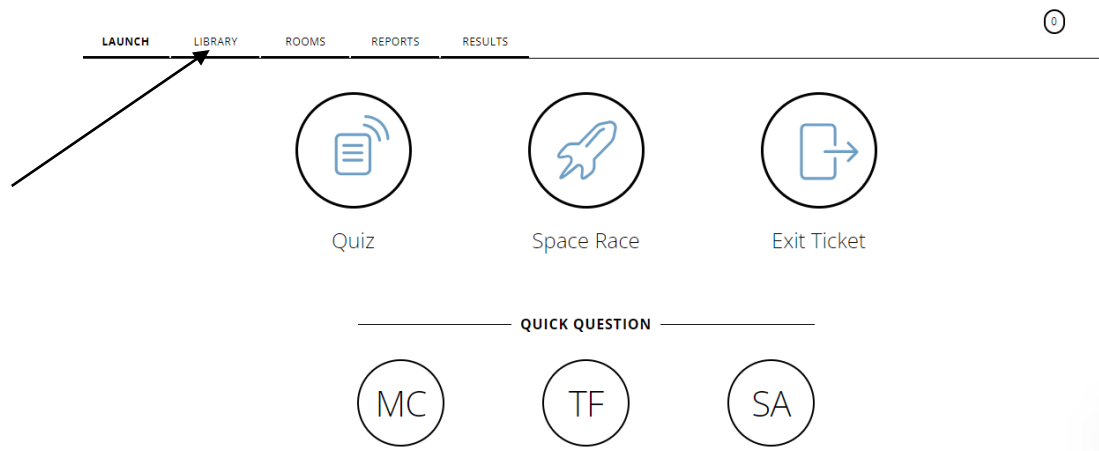
Cofinanziato
dall'Unione europea

Finanziato dall'Unione europea. Le opinioni espresse appartengono, tuttavia, al solo o ai soli autori e non riflettono necessariamente le opinioni dell'Unione europea o dell'Agenzia esecutiva europea per l'istruzione e la cultura (EACEA). Né l'Unione europea né l'EACEA possono esserne ritenute responsabili.

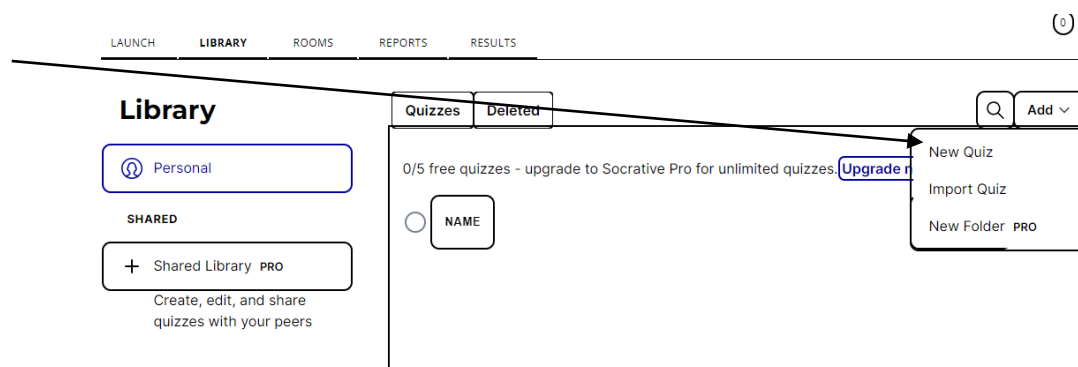


PREPARARE L'ATTIVITÀ

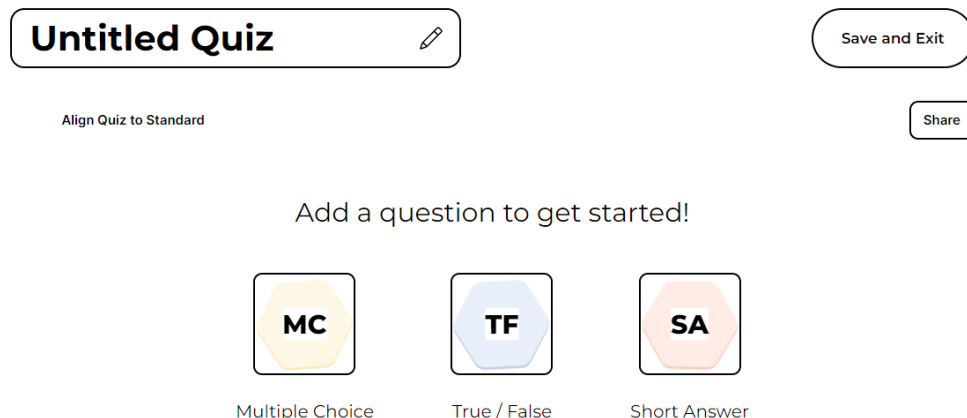
1. Per preparare un quiz, cliccate sull'opzione "Library" ("Biblioteca") in alto.





2. Cliccate su "Add" ("Aggiungi") in alto a destra e selezionate "New Quiz" ("Nuovo Quiz").



3. Aggiungete un titolo al vostro quiz e selezionate il tipo di domande: scelta multipla, vero o falso e risposte brevi.



Untitled Quiz 

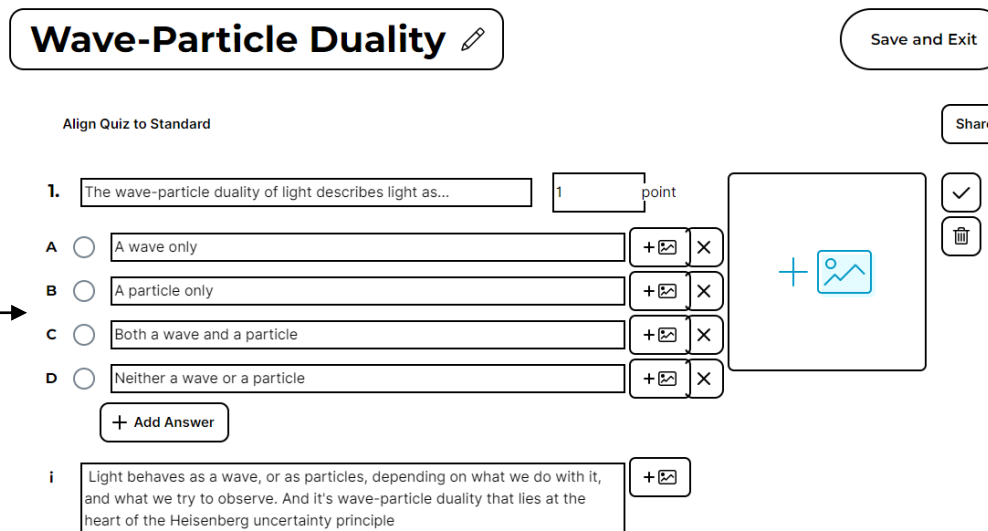
Align Quiz to Standard  Save and Exit


Add a question to get started!


MC **TF** **SA**

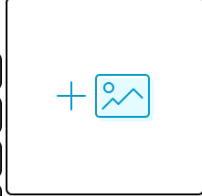
Multiple Choice True / False Short Answer



4. Dopo aver scelto il formato del quiz, iniziate a formulare le domande. In questo esempio, viene utilizzato il formato a scelta multipla con la spiegazione della domanda in fondo al quiz.







Wave-Particle Duality 



Align Quiz to Standard  Save and Exit

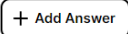
1. The wave-particle duality of light describes light as... 1 point 


A A wave only  

B A particle only  

C Both a wave and a particle  

D Neither a wave or a particle  



i Light behaves as a wave, or as particles, depending on what we do with it, and what we try to observe. And it's wave-particle duality that lies at the heart of the Heisenberg uncertainty principle 

5. Quando la domanda è pronta, cliccate sulla casella di spunta a destra.

Wave-Particle Duality

[Save and Exit](#)

[Share](#)

Align Quiz to Standard

1. point

A

B

C

D

i

6. Cliccate su “Add Question” (“Aggiungi domanda”) per continuare ad aggiungere tutte le domande al quiz.

→ [Add a Question](#)

Multiple Choice

True / False

Short Answer



SALVARE E PUBBLICARE

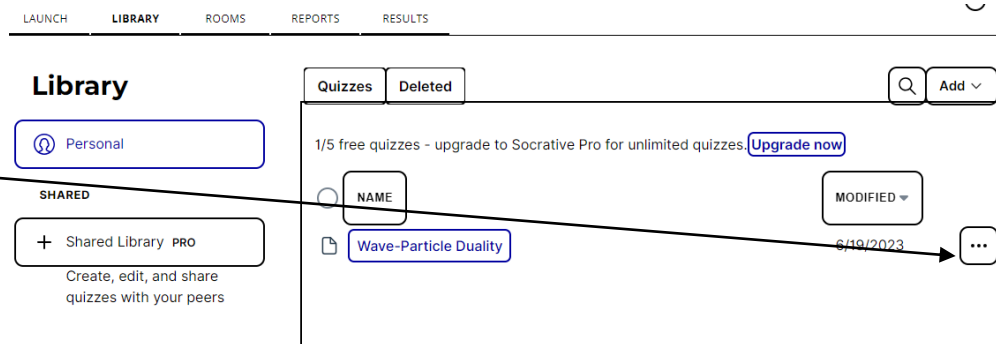
1. Una volta completato il quiz, cliccate su “Save and exit” (“Salva ed esci”).

Save and Exit

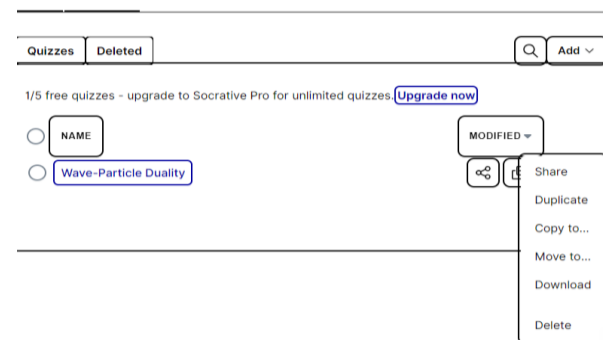
Share



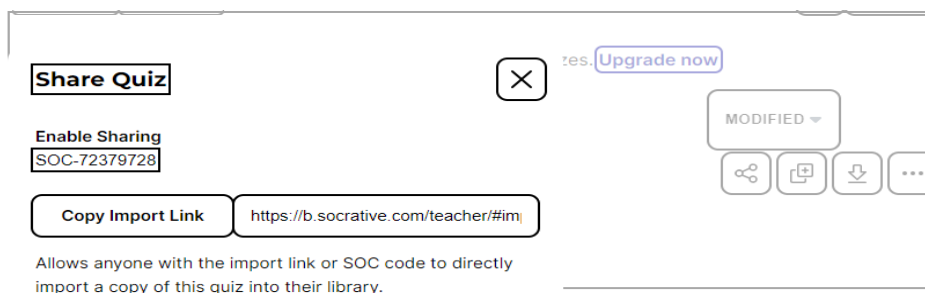
2. Cliccate sui tre punti a destra.



3. Selezionate “Share” (“Condividi”) per creare un codice o un URL a cui gli studenti possano accedere, oppure scaricare il quiz.



4. Il quiz è pronto per essere assegnato!



The screenshot shows the Socrative quiz management interface. At the top left, there is a 'Share Quiz' button. To its right is a close button (X) and a 'res. Upgrade now' button. Below 'Share Quiz' is an 'Enable Sharing' section with a text box containing the SOC code 'SOC-72379728'. Below that is a 'Copy Import Link' button with a text box containing the URL 'https://b.socrative.com/teacher/#im'. To the right of these elements is a 'MODIFIED' dropdown menu and a set of icons for sharing, copying, downloading, and more options. At the bottom, there is a note: 'Allows anyone with the import link or SOC code to directly import a copy of this quiz into their library.'

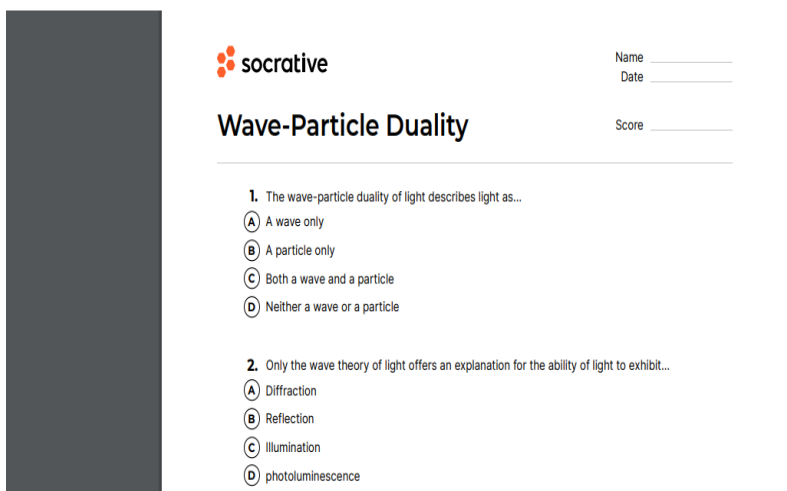


INFORMAZIONI AGGIUNTIVE

Potete vedere un esempio qui:

Quiz_Wave-Particle Duality.pdf

1 / 2 100%



The screenshot shows a Socrative quiz titled 'Wave-Particle Duality'. The Socrative logo is at the top left. To the right of the logo are fields for 'Name', 'Date', and 'Score'. The quiz content consists of two questions:

1. The wave-particle duality of light describes light as...

- (A) A wave only
- (B) A particle only
- (C) Both a wave and a particle
- (D) Neither a wave or a particle

2. Only the wave theory of light offers an explanation for the ability of light to exhibit...

- (A) Diffraction
- (B) Reflection
- (C) Illumination
- (D) photoluminescence

3. What does particle- wave duality mean?

- (A) electrons behaving as particles with ordinary matter
- (B) electrons behaving as waves when travelling through space
- (C) the photo electric effect
- (D) all of the above

4. Which of the following behaviors of light is wave-like?

- (A) The photoelectric effect
- (B) it diffracts.
- (C) It refracts
- (D) It is emitted and absorbed as photons

