

En la luna teatro educativo s.l.

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**PRESENTATION**



Our new play in English, 'The Time Machine', is a show based on a historical fact: the invention of the atomic bomb.

The protagonists of our story really existed. This new adventure allows us to get closer to the figures of Robert Oppenheimer, Enrico Fermi, Leslie Groves and Elda Anderson. All of them were part of the Manhattan Project, whose aim was to create the atomic bomb. In our story, the main characters pursue this goal, to make an atomic bomb, but we introduce a fantastic element, the time machine, which will allow them to obtain a fundamental element for the bomb to work: uranium 235.

'The Time Machine' is a story full of action, music and humour that will undoubtedly make viewers reflect on many issues. In this project more than in any other we have tried to offer a play full of nuances and didactic values. Without losing sight of the fact that fun is the best way for our audience to learn and test their knowledge of English.

**SYNOPSIS**



Robert and Enrico are a pair of scientists working under Leslie Groves. Leslie is a military officer, a general in the US army who needs the scientists to make the atomic bomb. But they can't find the element they need to make the bomb work.

One day Enrico calls Elda, a scientist friend of his. Elda discovers that what they need is uranium. Without wasting a second, they search the computer and discover that the uranium is in Stonehenge, a prehistoric monument in England. This is a problem because it is so far away. So, Elda comes up with the idea of using the time machine, an invention of Roberts, to get there faster and get the uranium.





This is how Elda and Robert will travel to prehistoric times thanks to the time machine. There they will meet two men (The Stone Man and The Boss) who have the stone, but try to eat Elda and Robert who return to the machine.

Elda will travel to the court of Emperor Napoleon Bonaparte. There she finds the stone in the emperor's crown.

Robert instead travels to the future. There he discovers that the atomic bomb will destroy the planet and that the world will be in the hands of robots. Robert records a message to send back to the present and warn his companions of what is about to happen.

In the laboratory Enrico and Leslie receive the message, which they will discover thanks to the help of a member of the audience. (Spectators watch sport!)

On the last trip, Elda and Robert coincide in the war. There Robert tells Elda what he knows, that the world is going to be destroyed, and tells her that they must destroy the uranium.

And from here on we can't tell you anymore. You must find out the end when you come to see 'The Time Machine' at the theatre. We will be waiting for you!

## DIDACTIC OBJECTIVES



Our aim is to offer a fun play through which students can reinforce and practise their vocabulary.

There are many ways to work and assimilate the language, and we believe that theatre offers a very attractive possibility for learning.

As always, we provide you with teaching material to present in class before and after the performance. It is important to work in the classroom so that the students get more out of the activity.

We hope you find this play, and our project in general, useful.

### GENERAL OBJECTIVES:



To promote the communicative competence of foreign languages in students through a didactic and fun activity.

### SPECIFIC OBJECTIVES:

- To take the student see a play in English with all the elements that should be part of a dramatic event: costumes, scenery, special effects, music, dialogues.
- To develop imagination, creativity and a taste for theatre.
- Expand expressive resources: physical (gestures), vocal (sounds, songs) and linguistic (expressions and vocabulary).
- Acquire fluency in English.
- Increase exposure to the language.
- To have fun.
- Support the process of teaching English through songs and dramatic play.
- To help express oneself with good intonation and pronunciation.
- To increase basic vocabulary related to art and museums.



- Learn and work through music.
- Create resources through our didactic guide and activities so that they can familiarise themselves with the play and practise the language.
- To bring pupils closer to a historical fact that has been fundamental in the history of mankind.
- To introduce students to the people who were part of the project that resulted in the creation of the atomic bomb.
- To introduce pupils to Elda Anderson, a female scientist who took part in the Manhattan Project.

## METHODOLOGY



We propose a project based on theatre as a means to encourage interest and enjoyment of a foreign language, in this case English.

To do this, we have established a series of worksheets to work on in class before and after seeing the play: The Time Machine.

We also recommend that you work on the documents '**VOCABULARY AND SCRIPT OF THE PLAY**'.

Another very interesting resource is the SONGS. You will find the lyrics in a document called LYRICS (The document needs to be changed to reflect this) OF THE SONGS and you can listen to the audio tracks through our website (user area) and work with the karaoke tracks. If you cannot access the material through the user area, our counsellors will help you by sending all the documents to your email.

You will also receive a document with additional activities. This is information that will be useful for the students when doing the worksheets.

If you have any questions please do not hesitate to get in touch, you can contact with your **EDUCATIONAL ADVISER** (Aurora Chica or Inma Rodríguez) or with the company through our email (enlunateatro@yahoo.es) or our phone number **618 720 491**.

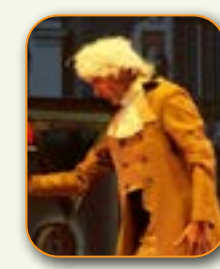
Thank you very much. We hope you enjoy this new experience.

Name: \_\_\_\_\_

## ACTIVITIES BEFORE THE PLAY

### ACTIVITY 1: KNOWING THE CHARACTERS

Read the following sentences and find out who is who through the clues we give you. Put the correct name under each of the pictures.



- Elda Anderson is a scientist wearing black glasses.
- Robert Oppenheimer is a scientist who always wears a hat.
- Enrico Fermi is a scientist who wears glasses and a black tie.
- General Leslie Groves wears a cap.
- Laia is a robot, an android. She was invented by Enrico Fermi.
- Napoleon Bonaparte was Emperor of France and a famous general.
- Jacques-Louis David was a famous painter of Napoleon's time. He painted several portraits of the emperor.
- The Chief is a prehistoric man wearing white and brown fur.
- The Stone Man is a prehistoric man carrying an axe.



**LESLIE GROVES, ENRICO FERMI, ROBERT OPPENHEIMER, NAPOLEON BONAPARTE, ELDA ANDERSON, LAIA, JACQUES LOUIS DAVID, BOSS, STONE MAN**





Name: \_\_\_\_\_

**ACTIVITY 2: THE PLAY**

Read this short summary of the play.

Enrico Fermi and Robert Oppenheimer are two scientists working to make the atomic bomb. They are under the orders of Leslie Groves, a general in the US army. Enrico and Robert cannot find the missing element to create the atomic bomb, but thanks to Elda Anderson, a scientist, they discover that what they need is uranium. In order to find the uranium, they decide to use a time machine. The time machine was invented by Robert Oppenheimer. Robert and Elda enter the machine and travel back in time. There they meet two men from prehistoric times, but they don't get the uranium. Then Elda visits the court of Napoleon Bonaparte and there she gets the uranium. Meanwhile Robert travels to the future and there he discovers that the bomb will destroy the world. Robert records a message to warn his friends. At the end of the play they all meet in the laboratory and there they decide to destroy the uranium.

**Now answer true or false:**

- |  | <i>TRUE</i>           | <i>FALSE</i>          |
|--|-----------------------|-----------------------|
| • The time machine is an invention of Elda Anderson.                               | <input type="radio"/> | <input type="radio"/> |
| • Enrico Fermi is a general in the US Army.  | <input type="radio"/> | <input type="radio"/> |
| • Robert Oppenheimer is a scientist.   | <input type="radio"/> | <input type="radio"/> |
| • Elda and Robert travel to the court of Napoleon Bonaparte.                       | <input type="radio"/> | <input type="radio"/> |
| • Robert will travel to the future.  | <input type="radio"/> | <input type="radio"/> |
| • At the end of the play, the protagonists will succeed in making the atomic bomb. | <input type="radio"/> | <input type="radio"/> |

Name: \_\_\_\_\_

**ACTIVITY 3: THE TIME MACHINE**

These are three images from "Time Machines".

In our play the time machine is a fundamental element that allows the protagonists to travel through time.

What do you imagine the machine to be like?

Draw your time machine and give a short description of it.




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Name: \_\_\_\_\_

**ACTIVITY 4: LEARNING THE SONG "LET'S GO TO THE MACHINE"**

Elda thinks they can use the machine to travel faster and find the uranium.

And this is the song she uses to convince her colleagues. She sings "Let's go to the machine".

Learn this song in class. You can listen to it in the material on the website and then sing karaoke in class; with the lyrics it will be very easy to learn it and you can sing it in the theatre with the actors and actress.

They will be happy to listen to you.

*Listen to the song and fill in the missing words:*

**LET'S GO TO THE MACHINE**

Let's go to the time \_\_\_\_\_

and we will travel very \_\_\_\_\_

let's go to the \_\_\_\_\_ machine

we will get what we \_\_\_\_\_

an hour will turn into a \_\_\_\_\_

we'll cross \_\_\_\_\_ and time

there's no time for \_\_\_\_\_

no time for \_\_\_\_\_

let's go to the machine

(x 4)

Let's go to the time machine

and then we will \_\_\_\_\_

let's go to the time machine

let's fly, let's fly

let's go to the machine

(x4)

let's go to the time \_\_\_\_\_

we'll cross \_\_\_\_\_ and \_\_\_\_\_

let's go to the machine



Name: \_\_\_\_\_

**ACTIVITIES AFTER THE PLAY****ACTIVITY 5: QUIZ ABOUT THE TIME MACHINE**

You have already seen the play. It's time to find out how much you know about it.

Mark the correct answer.

**Enrico Fermi and Robert Oppenheimer are:**

- Two military men working on the time machine.
- Two scientists working to make a time machine.
- two scientists who have invented a robot

**Leslie Groves is:**

- The inventor of the time machine
- the inventor of Laia, the robot
- A general in the US Army

**Elda Anderson is:**

- A scientist friend of Leslie Groves
- a famous scientist who has built a time machine
- She is a scientist friend of Enrico Fermi

**The time machine is:**

- An invention by Enrico Fermi that is used to travel into space
- An invention by Elda Anderson that is used to know the future
- Robert Oppenheimer's invention for travelling through time.

**Laia appears in the play:**

- At the beginning. It is an invention of Enrico Fermi.
- At the beginning and in the scene of the future.
- Laia does not appear in the play.











En la luna teatro

**TRABAJAMOS PARA  
OFRECER UN  
TEATRO EDUCATIVO  
DE CALIDAD**

 Inglés

- Dr. Cranky and the special stone (Childhood education)
- The Time Machine (Primary school version)
- The Time Machine (Secondary school version)

 Teatro Clásico

- La Dama Boba (Educación secundaria)

 Teatro y Género

- Rufina, Estrella y el Baúl de cuentos (Educación infantil)
- Mi tiempo no tiene memoria (Educación secundaria)

 Teatro Musical

- El Gato con Botas (Educación primaria)