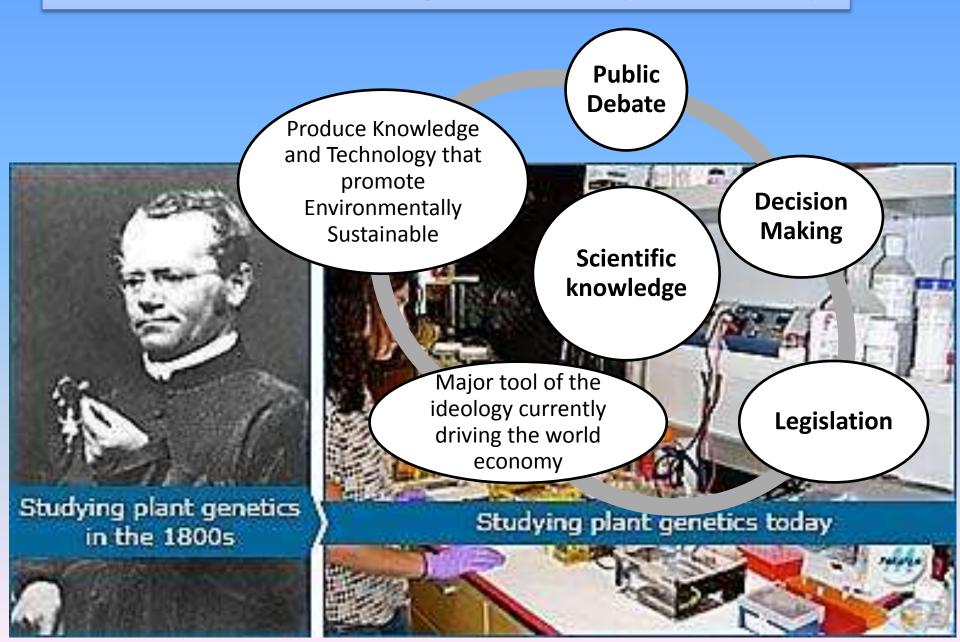
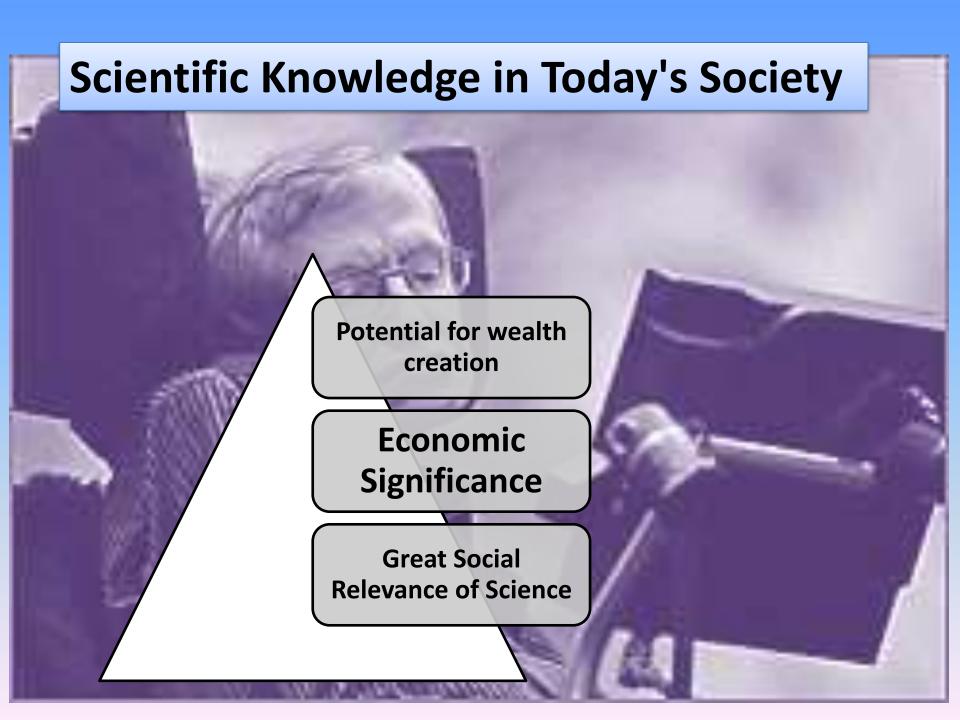


Scientific Knowledge in Today's Society





Scientific Knowledge in Today's Society

If the knowledge Society needs scientists,
we need students who want to become
and that can only happen
if there are enough students who are attracted to the
sciences.

Students need to be more fully involved in public discussion of science and its applications.

¡¡Not only are they the ones who will be most affected by the current direction of science, they are also the scientists and policy makers of tomorrow!!



Two Projects







EDUCATION CORNER

Internet as new **Technologies**



Forum of the Spanish **Nuclear Industry**



Know the Science Today open the **Doors of Tomorrow**

Contact Students with Scientific **Experts**





Main objectives of both projects

Find new, easy and accessible ways of knowledge transfer, to the Spanish Society.



Union of Spanish companies related to the peaceful uses of nuclear energy

Forum of the Spanish Nuclear Industry

Civil association created in 1962

They approach the activities of the nuclear industry to society.

Foro Nuclear

Foro de la Industria Nuclear Española

Forum of the Spanish Nuclear Industry

Objectives

Enhance public image of nuclear energy, offering publications, documentation and objective information on the reality of the sector ...

Promote education and training on issues related to nuclear energy, in collaboration with others institutions.

Foro Nuclear

Foro de la Industria Nuclear Española

What is it?

Created in 2009 and updated in 2015

All content is downloadable and printable

Aimed at teachers and students of all educational cycles

A TOOL FOR TEACHERS

Internet as new Technologies

To help
teachers to fill gaps in
information and
educational resources
on issues related to
energy

What are the objectives?

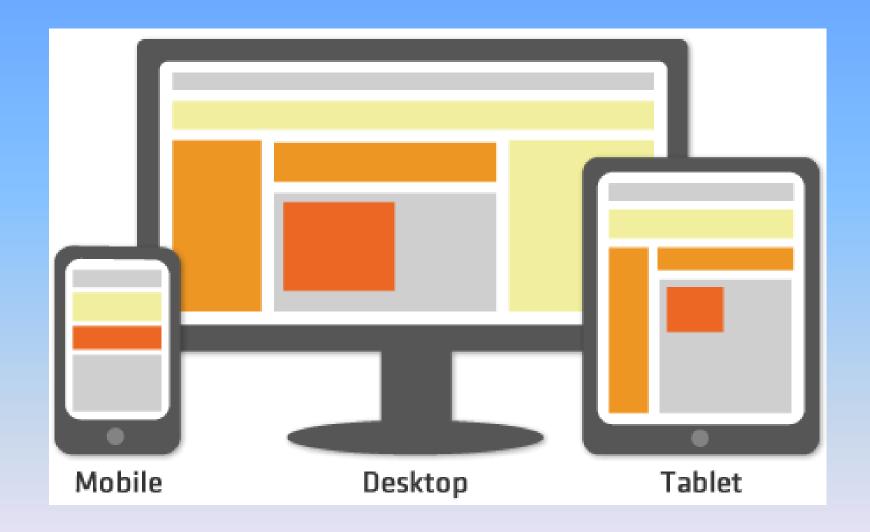


- Be a meeting point for teachers to find information and teaching materials on energy.
- Become a forum for exchanging experiences, where both students and faculty can bring their own enrichment.
- Be a serious website where teachers could request further material on energy issues, with the assurance that always get response.

A website for everyone



To access from all devices "Responsive"



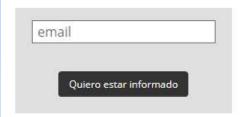






Accessible in different languages

Bienvenidos / Benvinguts / Benvidos / Ongi etorri / Welcome



> Introduction

- > Co-operation with centers
- > Education Committee
- > Publications
- > Accessibility
- > Contact us

Introduction

The Spanish Nuclear Forum's Ed filling in the gaps in the existing

Here you will be able to find a w links, itineraries, ideas, suggestic cycles and stages.

From now on, when a teacher so to find the necessary resources significantly more.

Energy is a complex subject. The and the wide range of approach

different ages. For this reason, everyoning - from energy production to consumption, including



Contents

Educational resources Activities and experiences Images, videos and infographics Theory Curiosities Courses and Conferences News Monographics Who is who

Solar energy

Natural gas

Petroleum

Geothermal energy

> Saving & recycling

stivo.org/en/recursos-educativos/what-are-gravitational-waves > Sijerice argu me environment

Educational resources

Visits

Courses

Conferences

News

Educational resources



¿Qué es un generador eléctrico?

EDUCACIÓN

School, High School, Professional Training ORIGEN: ENDESA EDUCA



PERIODIC TABLE WITH VIDEO

School, High School, Professional Training ORIGEN: TED-ED



What are gravitational waves?



EL Casino de Monte Carlo y las radiaciones

All audiences, Elementary School, Middle



Los viajes de Marie Curie a

Contents

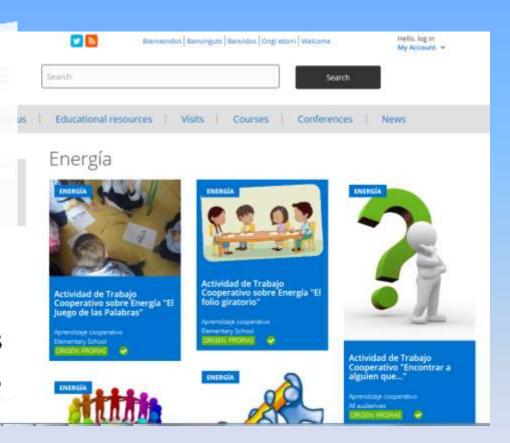
The main signs of identity of the teaching materials are:

Adapted to all education levels.

With different contents for teachers and students.

Developed with understandable language.

Taking into account both, the laws and existing educational curricula.



Growing up

We need your help. You can send for its publication resources, content or news of interest. formacion@foronuclear.org

Biofuels

Carbon

Wind Energy

Hydraulic Energy

Marine Energy

Nuclear Energy

Fisión

Fusión

Residuos

Solar energy

Natural gas

Petroleum

Geothermal energy

> Saving & recycling

ducational resources

Visits

Courses

Conferences

ucational resources



Luz y calor

Elementary School ORIGEN: LAURA CABALLERO SERRANO

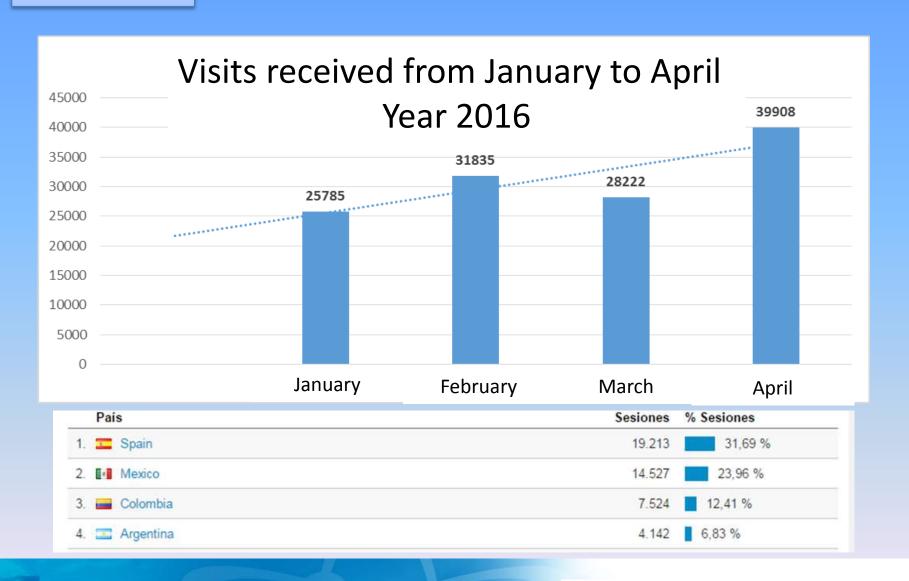


Química y Energía Limpia: ¿Una relación compatible?

Middle School ORIGEN: Mª ARACELI CALVO PASCUAL

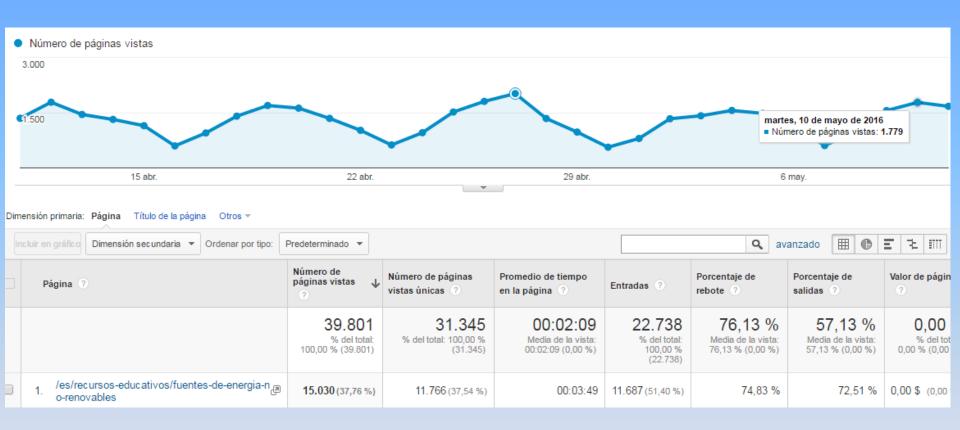
Numbers

From January to April: 125,750 visits



Numbers

From April 11th to May 11th: 39,801 visits





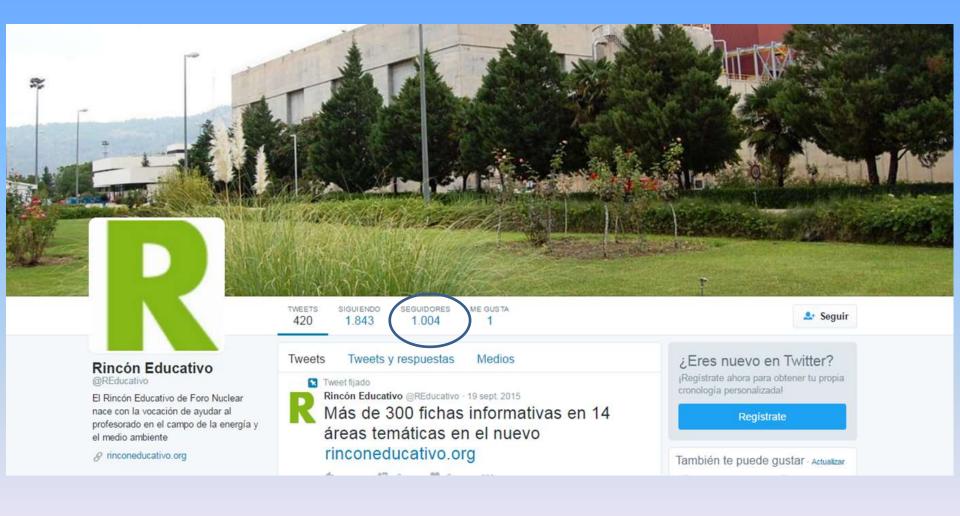
People



Committee for Training in Energy and Education Spanish Nuclear Industry Forum

Diffusion

It has 1,000 followers!!



Diffusion

Nuclear Congress **Education** University **Authorities Teachers Schools Centers**

Newsletter



Más de 300 fichas informativas sobre energía, ciencia y medio ambiente en 14 áreas temáticas

Recursos educativos destacados



Spielin 2 il 19 de enero de 2016



Video: Central Termica de Cicio Combinado





Air forton ton recornon

Noticias



Los juquetes que le harán pensar como un verdadero científico

A las construcciones, puzies, coches, peluches y muficas se une desde hace unos años una nueva catagoria de juegos que dicen fomentar el interés por las ciencias en niflos y nifias.



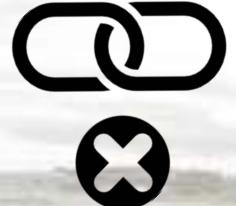
Cuatro nuevos elementos completan la séptima fila de la tabla periódica

La Unión internacional de Química Pura y Aplicada ha confirmado el hallazgo y la Indiusión de cuatro elemientos nuevos a la tabla periódica. Los elementos 113, 114, 117 y 118 son sintéticos, alamente radiactivos y con una vida de segundos o millisegundos. Partis Aparta 2015.



El gran acelerador obtiene indicios de una nueva "Particula de Dios"

Party in Tanana de Libera más manda -



Two Projects





EDUCATION CORNER

Internet as new **Technologies**



Forum of the Spanish **Nuclear Industry**



Know the Science Today open the **Doors of Tomorrow**

Contact Students with Scientific **Experts**





What it is?

Workshops
directly and in
person at
colleges and
high School

Light hearted and extracurricular form

A TOOL FOR Students Contact
Students with
Scientific
Experts

Created in 2012

Classroom Experiments



What are the objectives?

Reduce the gap between Scientists and Society.

Reinforce the Science Education, training in multidisciplinary and team approaches to research.



What are the objectives?

Present the Science in an attractive, stimulating fashion, with the abstractions of theory strongly linked to everyday life.

Scientists need to cultivate a new vision of science — one that promotes the development of sustainable





Techniques and Tools

Workshops directly and in person at colleges and education centers



Techniques and Tools

Classroom activities





People and Institutions





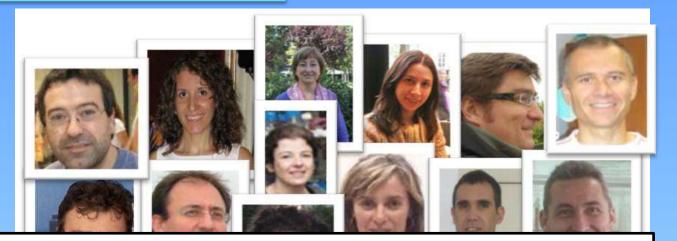






People and Institutions





The collaborators are experts in various fields such as chemistry, physics and biology...

This cooperative environment puts us in a good starting point to provide a comprehensive vision of scientific progress.



Funding



MINISTERIO DE ECONOMÍA Y COMPETITIVIDAD









Numbers

Since 2012 to 2016

55 Different educational centers have participated in this proyect.

More than 3500 students have participated in our

workshops



Diffusion

Publication of our activities in various media

Diffusion Methods

Contact with students through local councils, working with cultural centers and youth centers.

Direct contact with schools.



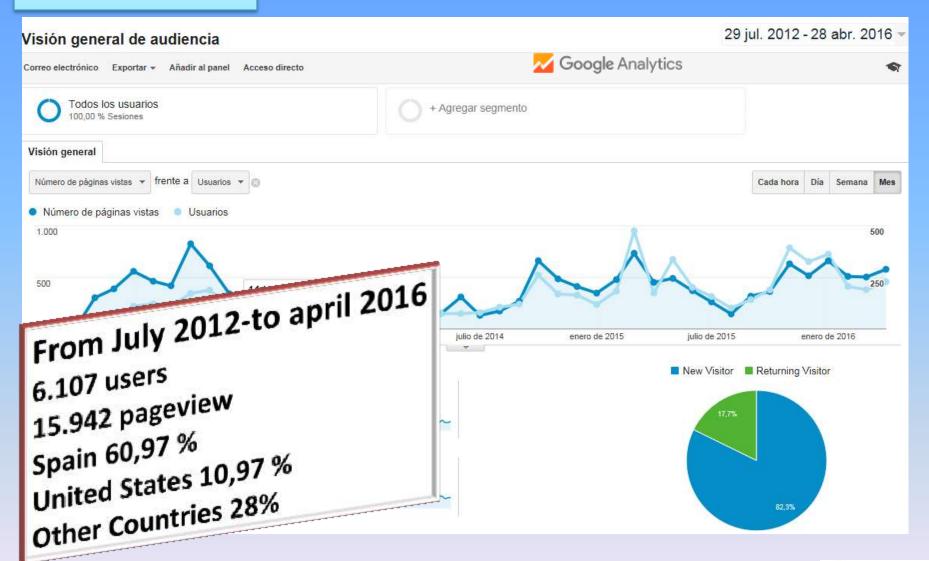
Diffusion

www.nanomadrid.es



Difussion

www.nanomadrid.es





Difussion

Publication of our activities in various media

20 Magisterio Suplemento Profesio

Comunidad de Madrid

El CEIP "Méjico" acerca la cristalografía : los alumnos en la Semana de la Ciencia

INICIATIVA

El centro se vuelca y prepara siete días monográficos sobre el saber científico

Estefanía Martinez

madrid@magisnet.com

Cada año el Colegio Público "Méjico" dedica una semana del curso escolar a profundizar en el saber científico. En esta ocasión el centro se ha volcado y coincidiendo con el Año Internacional de la Cristalografia han acercado este curioso mundo a los más pequeños. Todos los alumnos del centro, tanto de Infantil como de Primaria, han dejado a un lado por una semana sus libros de texto para dedicarse de manera monográfica a la ciencia. A través de diferentes actividades, documentales, experimentos y charlas con expertos han profundizado en un mundo desconocido hasta ahora. "Nos parece muy interesante que los alumnos tengan la posibilidad de experimentar en la Primaria", apunta Ana Maria Pinto, jefa de Estudios del centro.



El CEIP "Méjico" ha celebrado una semana monogra

Premio Salvador Senent del Grupo de Didáctica e Historia de las Reales Sociedades Españolas de Física y de Química a la profesora Pilar Amo-Ochoa

s doctora en Ciencias Químicas por la Universidad Autónoma de Madrid, realizó su estancia postdoctoral en la Universidad de Dortmund (Alemania). A su vuelta, se incorporó a trabajar en la Universidad Pontifica Comillas. Posteriormente, fue profesora en la Universidad Alfonso X "el Sabio" y en la Universidad Complutense de Madrid, durante estos años tuvo una gran actividad docente. Actualmente es Profesora Titular de la Universidad Autónoma de Madrid, combinando su actividad docente con la investigadora. Ha participado en 12 proyectos de Investigación, tanto nacionales como internacionales, publicando cerca de 50 artículos científicos en revistas de alto índice de impacto. También ha colaborado en provectos de innovación y mejora de la calidad docente. Desde el año 2012 coordina el provecto de divulgación científica, titulado "Conocer la Ciencia Hoy Abre las Puertas del Mañana", que actualmente va por su 4º edición (www.nanomadrid.es) y en el que participan más de 17 profesores de distintas universidades y fundaciones, realizando talleres científico-divulgativos en distintos centros educativos.



Profesora Pilar

Know the Science Today Opens the Doors of Tomorrow

Nice example of How can networks collaborate







Thank you for your attention