



Hezkuntza proiektuak, zientzietakoak (Scientix) eta eskolen digitalizatzearen gainekoak, online ikastaroak eta beste jarduera batzuk

**Dr Àgueda Gras-Velázquez, Science Programme Manager at
European Schoolnet and Scientix project manager**

Pamplona, 21/02/2017

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Durante la charla...

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- Seguid a [@stemalliance_eu](#) y [@scientix_eu](#)
- Utilizad el hashtag [#AllSTEMScientix](#)

Facebook:

- Unios al grupo [Science Teachers in Europe](#)
- Includ [#AllSTEMScientix](#) [@STEMallianceEU](#)



$$F_c = \frac{v^2}{r} = \frac{GMm}{r^2}$$
$$\frac{d}{dt} \int \rho dA = \int \rho' dA = - \int \left(\frac{\partial \rho}{\partial t} + \text{div}(\rho \mathbf{v}) \right) dA$$
$$HCl + H_2O \rightleftharpoons Cl^- + H_3O^+$$
$$\rho_1 = \int \frac{\rho}{T_0} H_2$$



<http://metodo2013.blogspot.be/2015/02/contradiccion-fuerza-motriz-del.html>





**European
Schoolnet**

EUROPEAN SCHOOLNET

TRANSFORMING EDUCATION IN EUROPE



quantum spinoff
Photonics explorer

Fibonacci project

hulda festi

kidsINN science

Chain Reaction

Engineer

GO-LAB
ONLINE LEARNING BY EXPERIMENTING

FEAST
space

Primas
PROMOTING INQUIRY IN MATHEMATICS AND SCIENCE EDUCATION ACROSS EUROPE

U⁴energy

PARISE

NANO Channels

inGenious

FaSMEd

PROFILES

nanoto TOUCH

ASTRONET
www.astronet-eu.org

nano dialogue

PATHWAY

mascil
NANO PINION

pollen

UNIVERSE AWARENESS

Se secure
SCIENCE EDUCATION CURRICULUM RESEARCH

engage

TEMi
OPEN DISCOVERY SPACE

Kiics

NANO YOU

time for nano

SAILS
Strategies for Assessment of Industry Learning in Science

DESIRE

ASSISTME

natural europe

UniSchoolLabs

INQUIRE

Science Center To Go

S-TEAM
FIRING UP SCIENCE EDUCATION

OPEN SCIENCE RESOURCES

Otevřená věda
Otevíráme přímou cestu ze škol k vědě

e-Bug

GLOBAL excursion
Extended Curriculum for Science Infrastructure Online

MY SCIENCE

Establish
European Science and Technology in Action: Building Links with Industry, Schools and Home

calibrate
Learning Resources for schools

EU-HOU

eTwinning
MST

edu SCIENCE

DynaLearn

creative little SCIENTISTS
pri-sci-net
Inquire investigate evaluate connect

Xplore Health
SCIEOM

Items

traces

Inspire

SEEP

NanoEIS

kelo

ASTROEDU
Make the Link

STENCIL
SCIENCE TEACHING EUROPEAN NETWORK FOR CREATIVITY AND INNOVATION IN LEARNING

HELENA
Higher Education Leading to Engineering And scientific careers

melt
LEARNING RESOURCES FOR SCHOOLS

APECT

discover the COSMOS

Climate guide.fi

CarboSchools

CoReflect
Digital support for Inquiry, Collaboration, and Reflection on Socio-Scientific Debates



SCIENTIX

The community for science
education in Europe





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La comunidad para la enseñanza de las ciencias en Europa

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Destinatarios

Financiación

Starts after

Ends before

Proyectos que necesitan docentes

Ongoing projects

APLICAR FILTRO



MASS, MOTIVAR Y ATRAER ESTUDIANTES A LA CIENCIA

27/10/2016

¿Te gustaría saber cómo la educación científica puede convertirse más atractiva y accesible para los estudiantes? ¡Únete a la comunidad MASS!

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Seminarios web

Blog de Scientix

Si conoces algún proyecto europeo o nacional sobre educación en CTIM, háznoslo saber.

ENVIAR PROYECTO

Lee más sobre que puede ofrecer Scientix a los proyectos sobre la enseñanza de las ciencias

• [Sala de reuniones en](#)

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REPOSITORIO DE RECURSOS

Buscar recursos por palabra clave

IR 

BÚSQUEDA AVANZADA

Asignatura

Edad mín.

Edad máx.

Tipo

Idiomas

MATERIALES
DIDÁCTICOS

INFORMES

FORMACIÓN

LRE MATERIALS

1485 RESULTS FOUND.

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RECURSOS SUBIDOS

PREMIOS SCIENTIX

SERVICIO DE TRADUCCIÓN

Obtener traducción **gratuita** de materiales didácticos en el repositorio Scientix

FUNCIONAMIENTO

ESTADO DE LAS





♥ Añadir a favoritos

! Informar de un problema

Juego de reciclado

Descriptor: química

Derechos de autor:  *Edad:* 9 - 12 *Proyecto:* Digital School

Descripción: Juego educativo que utiliza la animación para representar un bosque y se centra en el reciclado de residuos. En este juego, el jugador recoge basura que encuentra dispersa por el bosque y la coloca en los contenedores correspondientes. Asimismo, se...

DESCRIPCIÓN

CONSEGUIR ESTE RECURSO





♥ Añadir a favoritos

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DESCRIPCIÓN

CONSEGUIR ESTE RECURSO



♥ Añadir a favoritos

! Informar de un problema

Juego de reciclado

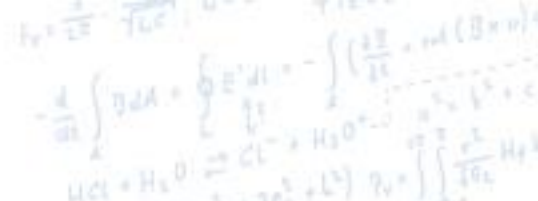
Ver en:
el

Solicitar traducción (¿Qué es?):

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DESCRIPCIÓN

CONSEGUIR ESTE RECURSO



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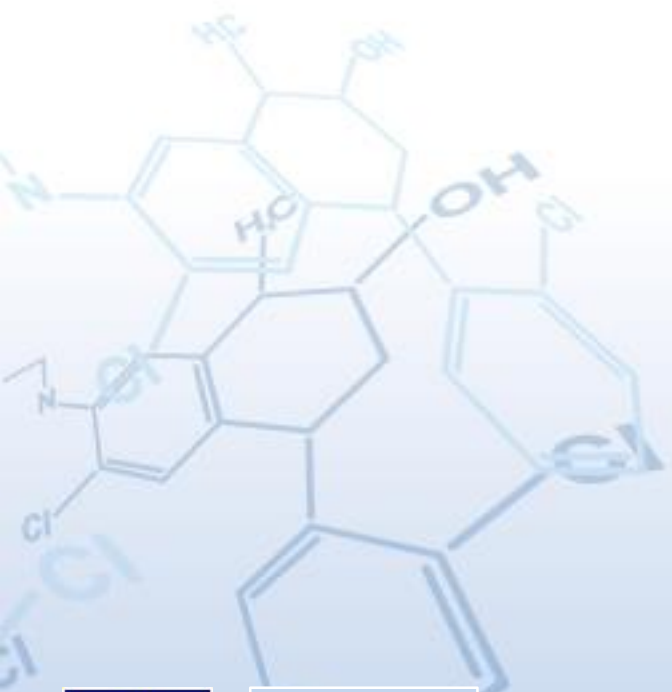
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$$V = \frac{1}{2} \pi R^2 (3R_1^2 + 3R_2^2 + L^2) \quad \rho = \frac{m}{V} = \frac{m}{\frac{1}{2} \pi R^2 (3R_1^2 + 3R_2^2 + L^2)}$$
$$-\frac{d}{dt} \int \rho dV = \int \rho' dV = - \int \left(\frac{\partial \rho}{\partial t} + \text{div}(\rho \mathbf{v}) \right) dV$$
$$HCl + H_2O \rightleftharpoons Cl^- + H_3O^+ \quad \rho_1 = \int \frac{m_1}{V_1} H_2$$
$$V = \frac{1}{2} \pi R^2 (3R_1^2 + 3R_2^2 + L^2) \quad \rho = \frac{m}{V} = \frac{m}{\frac{1}{2} \pi R^2 (3R_1^2 + 3R_2^2 + L^2)}$$





Future Classroom Lab

by European Schoolnet

<http://tinyurl.com/fcl-stem-sep2016>





SCIENTIX

The community for science education in Europe

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Scientix Courses 2013 - 2015

- ▶ STEM Tools for teachers
- ▶ ICT Tools for teachers
- ▶ Classroom management lessons

Courses in Your Language

- ▶ български (bg)
- ▶ čeština (cs)
- ▶ dansk (da)
- ▶ Deutsch (de)
- ▶ eesti keel (et)
- ▶ ελληνικά (el)
- ▼ español (es)




- ▶ Classroom management lessons
- ▶ ICT Tools for teachers

STEM Tools for teachers

- Electroencephalography [es]
- Robo Scratch [es]

Buscar cursos:

Ir

- ▶ Electroencefalografía - ayudar a la función cognitiva o sensorial y motora del ser humano en pedagogía 
- ▶ Robo Scratch: Introducción a la programación de robots   
- ▶ Logisim - software para diseñar y simular circuitos digitales   
- ▶ Ley de decaimiento exponencial   
- ▶ Registro de Datos en la Educación STEM   
- ▶ Audacity para medir la velocidad del sonido   
- ▶ Impresión 3D en clase de CTIM   
- ▶ Funcionamiento de SalsaJ para medir las dimensiones de objetos astronómicos   
- ▶ Experimentos de química   
- ▶ Estudio de los fundamentos de la ingeniería eléctrica   
- ▶ Medir la aceleración de la gravedad con un smartphone   
- ▶ Construcción de cohetes y coches cohete de agua   





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practice
online for free



<http://www.europeanschoolnetacademy.eu/>



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awareness
ONLINE COURSES

SECOND MOOC

NAVIGATION THROUGH THE AGES
RELEASE ON 27 FEBRUARY 2017!
#spaceMOOC



**BOOSTING A SENSE OF INITIATIVE AND
ENTREPRENEURSHIP IN YOUR STUDENTS**

Sunny studio / Shutterstock.com







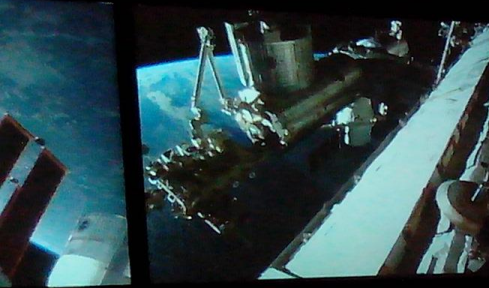




MISSION CONTROL CENTER



RUSG CI 4047 01:04:59
ATV U171 M8 AGS 001:15:48:33
ATV U171 M8 LOS 001:16:18:34



TIME	TYPE	STATUS	OPERATOR	TIME
01:00:00	ISS	Normal
01:00:05	ISS	Normal
01:00:10	ISS	Normal
01:00:15	ISS	Normal
01:00:20	ISS	Normal
01:00:25	ISS	Normal
01:00:30	ISS	Normal
01:00:35	ISS	Normal
01:00:40	ISS	Normal
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01:01:30	ISS	Normal
01:01:35	ISS	Normal
01:01:40	ISS	Normal
01:01:45	ISS	Normal
01:01:50	ISS	Normal
01:01:55	ISS	Normal
01:02:00	ISS	Normal



ADCO

SPARTAN

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ETHOS

CBS PLANNER

MISSION DIRECTOR

CRPCOM

PCGN 4272

PCGN 4273

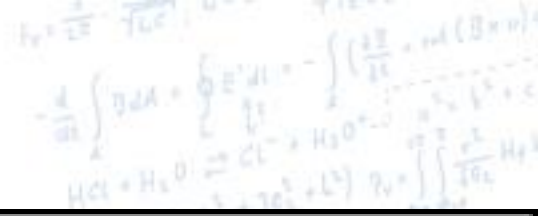
NAVY

EVA

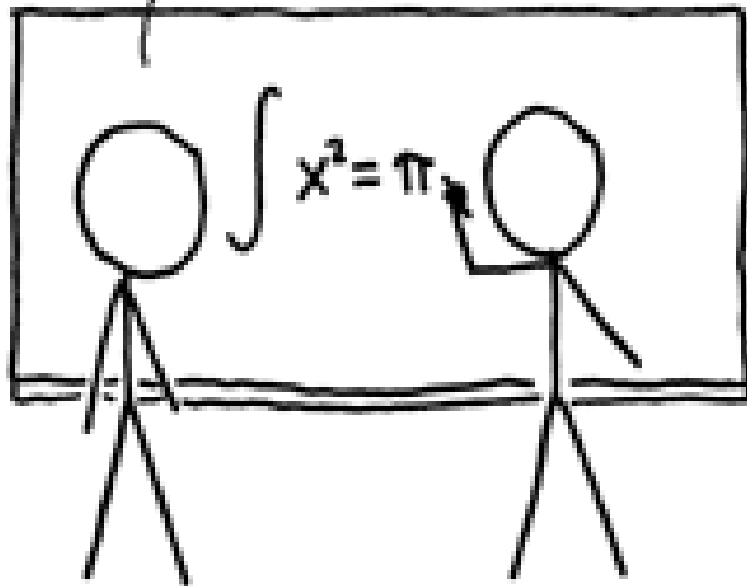




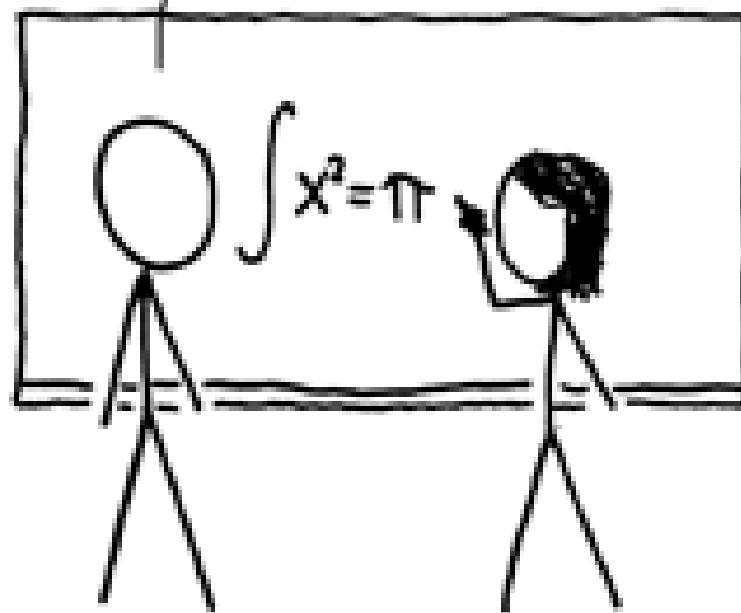




WOW, YOU
SUCK AT MATH.



WOW, GIRLS
SUCK AT MATH.







<http://www.livescience.com/17000-male-nurses-masculinity.html>



<https://pixabay.com/en/people-staff-construction-labor-1730665/>



‘Opening minds to STEM Careers’ MOOC starting on 3rd of April 2017 on the European Schoolnet Academy



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Welcome to the STEM Alliance - where Industry and Education come together to improve Science, Technology, Engineering and Maths in Europe.

[ABOUT THE PROJECT](#)

<http://stemalliance.eu>



SHARE WITH ALL THE STEM ALLIANCE COMMUNITY HOW YOU INSPIRE STUDENTS TO PURSUE STEM CAREERS!

There are three categories:



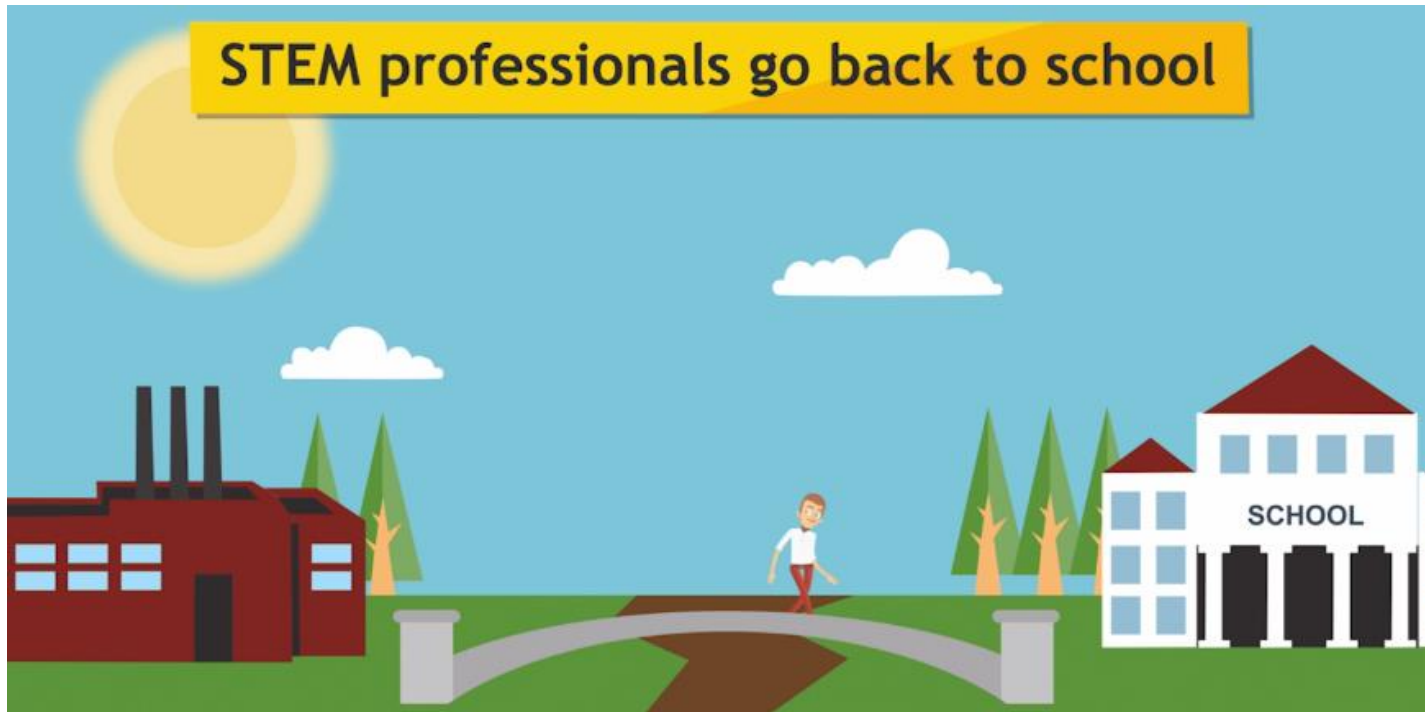
Event
Category



Video
Category

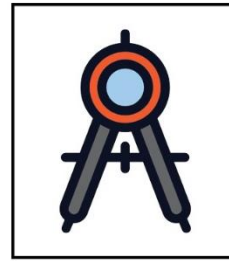
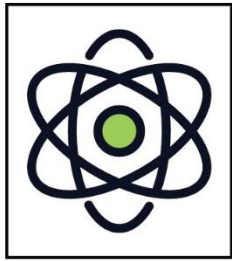


Community
Category



What is it?

- Initiative that facilitates matching of companies and school through online tool
- Once matched school & company receive info package / preparation material
- During STEM discovery week (April/May) the STEM Professionals go to the school for half a day to talk to students & teachers about their career etc.



STEM

Discovery Week

24-30 April 2017



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<http://www.freeimages.com/photo/class-1552432>

<http://scientix.eu>



SCIENTIX

The community for science
education in Europe

Eskerrik asko

Agueda Gras

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