

Scheda del progetto eTwinning

Science is everywhere!

Istituzione Scolastica (Nome, città)
Istituto Comprensivo don Milani di Latina
Scuola dell'infanzia Plesso di Via Cilea 3
04100 Latina

Titolo Progetto: Science is everywhere!

Nome docente Referente:

Linda Giannini, Ambasciatrice eTwinning per il Lazio
calip@mbox.panservice.it

Scuole partecipanti al progetto:

- Linda Giannini Scuola Infanzia Istituto Comprensivo Don Milani Latina
- Lidia Minza ("Vasile Alecsandri" High School Galati)
- MARIO BELLOMO (ic comprensivo san biagio)
- Emilia Ziomek (Szkoła Podstawowa nr36 im. Juliana Tuwima w Zabrze)
- Badi Cristina (Gradinita PP1)
- Darina Kovaličová (Spojená škola s org. zl. Obchodná akadémia a Stredná poľnohospodárska škola, Spišská Nová Ves)
- Elzbieta Anaszewicz (Zespół Szkół Ponadgimnazjalnych)
- Ennio Cantoresi (Istituto Istruzione Superiore "G. Peano")
- Aurelia Cezar (Scoala „Ciprian Porumbescu,, Constanta)
- tudor ana ("Liviu Rebreanu" School,Mioveni town, Arges county, Romania)
- Barbara Senkowska (Szkoła Podstawowa nr 2, im. Mikołaja Kopernika)
- Lucia Gatti (Istituto Tecnico Commerciale Statale "Cesare Beccaria")
- Marta Bul (Zespół Szkół Nr 2 im. Janusza Korczaka w Brodach)
- Joan Miquel Pérez (IES Can Puig)
- Sigurdur Sigurdarson (Síðuskóli)
- Edyta Rutkowska-Ferchichi (Publiczne Gimnazjum nr 1 w Pionkach)
- Jana Davidova (21. ZŠ Slovanská alej 13)
- Piotr Sznajder (Zespół Placówek Oświatowych w Kurzelowie)
- Hélène Leclercq (Lycée Condorcet)

Durata del progetto: Due anni o più a partire dall'a.s. 2008-2009

Raggruppamenti disciplinari:

- Ambiente
- Discipline trasversali
- Geografia
- Informatica /TIC
- Lingue straniere
- Matematica e scienze
- Media
- Sport

Lingua: English – español – français italiano

Breve descrizione: (obiettivo/i, come ha avuto luogo la comunicazione, come hanno lavorato i ragazzi – in laboratorio, in classe, chat, ecc. - a cosa sono pervenuti, sia in termini di prodotti realizzati che di competenze acquisite)

We want to "discover" the chemistry, physics and the mechanisms of the life! Science has enormous influence on our lives. It provides the basis of much of modern technology - the tools, materials, techniques, and sources of power that make our lives and work easier. The discoveries of scientists also help to shape our views about ourselves and our place in the universe. Science is universal. Imagine a job that doesn't need some background in science. Law? Farming? Running a restaurant? Business? Lawyers must know about DNA testing and forensic evidence. Farmers are swamped with genetic modification choices, salinity problems, worries about the lesser spotted godwit or precious purple frog requiring protection in the lower paddock. As for chefs: try cooking gourmet meals if you've never heard of salmonella or botulism. Business people are challenged constantly by new technology. The point is there is no job in the 21st century that can be done effectively without some feeling for science. The aim of this project is to help students to understand how sciences improve our lives. Participating to the project activities is a unique opportunity for students to stimulate their scientific and analytical observation. Participating is also fun, is an opportunity to make friends.

Età degli studenti: Da : 5 A : 20

Strumenti utilizzati:

- PowerPoint, video, foto e disegni,
- Ambienti di apprendimento virtuale (comunità, aule virtuali ...)
- Audioconferenza
- Chat
- Forum
- Pubblicazione su Web
- Videconferenza
- e mail

Obiettivi:

- help the students to understand the wide variety of phenomena in every day life;
- give to the science teachers an easy way to integrate modern tools in the teaching process;
- explain to pupils how the discovery of the basic phenomena improve the quality of life;
- show the importance of sciences in the life;
- enable the pupils to devise their own experiments related to chemistry, physics and biology to explore the world;
- motivate the pupils to explore the world scientifically;
- offering practical experience for teachers and students to use digital tools for science documentation purposes;
- promoting pedagogical practices based on inquiry-based methods;
- encouraging students to think about a scientific career.

Piano di lavoro : Teachers may prepare their pupils for the activity by following these steps:

- engaging pupils in preparatory discussions about the importance of science in our lives;
- celebrating the International Day of Water (22 th March 2008) with workshops, exhibition about it;
- identifying a discovery to work on;
- referring to relevant organisations like Science Museums or companies, making contacts and arranging local activities such as field trips or presentations at school;
- finding and sharing images related to the discovery;

- preparing the contribution (text/ image/ films) with the appropriate
 - software;
 - uploading the contribution (text/ image/ films) to website.
-

Come ha avuto luogo la comunicazione:
attraverso

- scambi e-mail tra docenti
 - documentazione condivisa on line
 - incontri in chat
 - incontri nel desk eTwinning
-

Risultati:

- confronto tra due diverse realtà
- rilevazione di punti di contatto e differenze
- condivisione dei materiali e delle idee
- collaborazione
- cooperazione
- documentazione

Prodotti dei docenti e degli studenti:

posters, tests, logos, ICT games, diagrams, studies, films, experiments, Workshops

Link a materiali o documentazione relativa al progetto

ne' La Scatola delle Esperienze

<http://www.descrittiva.it/calip/0809/>

http://www.descrittiva.it/calip/0809/teaching_science_in_europe_II.htm

Spazio eTwinning

<http://www.etwinning.net/>