

Lidia Minza ("Vasile Alecsandri" High School Galati)
MARIO BELLOMO (ic comprensivo san biagio)

Titolo:	Science is everywhere!
Durata:	Due anni o più
Breve descrizione:	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.
Lingua:	English español français italiano
Età degli studenti:	Da : 5 A : 20
Chi partecipa?:	Dalla scuola A: Gruppo Dalla scuola B: Insegnanti con studenti di insegnanti con studenti
Raggruppamenti disciplinari:	Ambiente Discipline trasversali Geografia Informatica /TIC Lingue straniere Matematica e scienze Media Sport
Strumenti utilizzati:	Altri software (PowerPoint, video, foto e disegni) Ambienti di apprendimento virtuale (comunità, aule virtuali ...) Audioconferenza Chat Forum Pubblicazione su Web Videconferenza email
Obiettivi:	<ul style="list-style-type: none">• 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.

Prodotti degli studenti:

-posters, tests, logos, ICT games, diagrams, studies, films, experiments, workshops

Altre scuole partecipanti al progetto:

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tudor ana ("Liviu Rebreanu" School,Mioveni town, Arges county, Romania)

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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)