

PIANO
TRENTINO
TRILINGUE

8 9 10
MARZO
2018

FESTIVAL DELLE LINGUE ROVERETO

150 WORKSHOP
80 ENTI PARTECIPANTI



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FIRST STEPS IN CHEMISTRY AND MORE..

ITT BUONARROTI POZZO TRENTO

Laboratori didattici scuola secondaria di primo grado



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BUONARROTI-POZZO
TRENTO

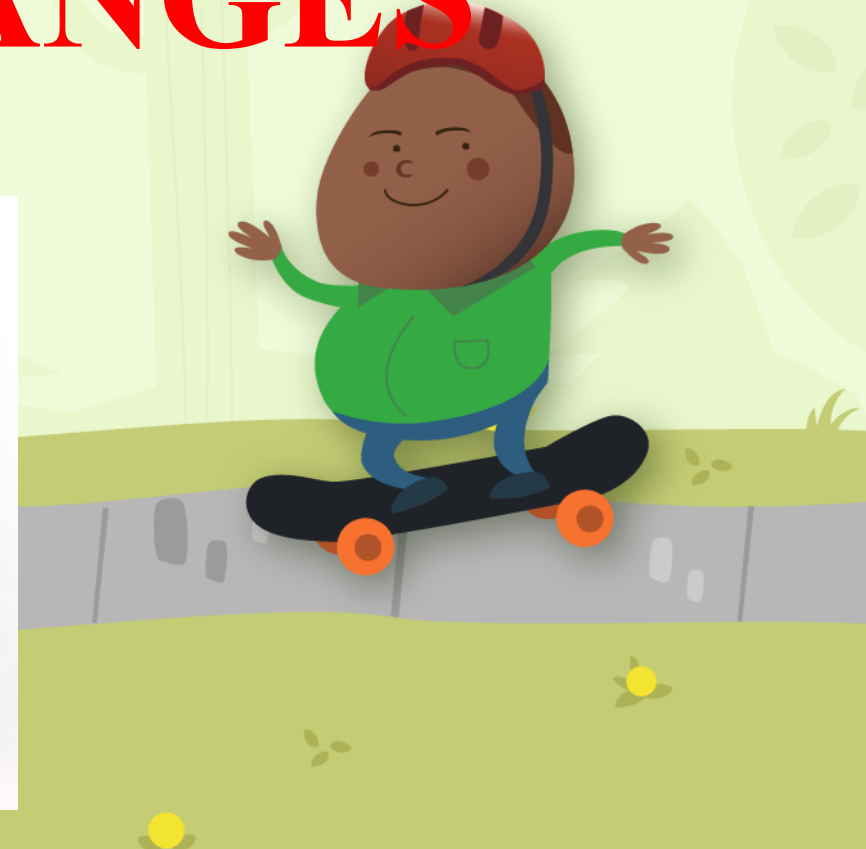
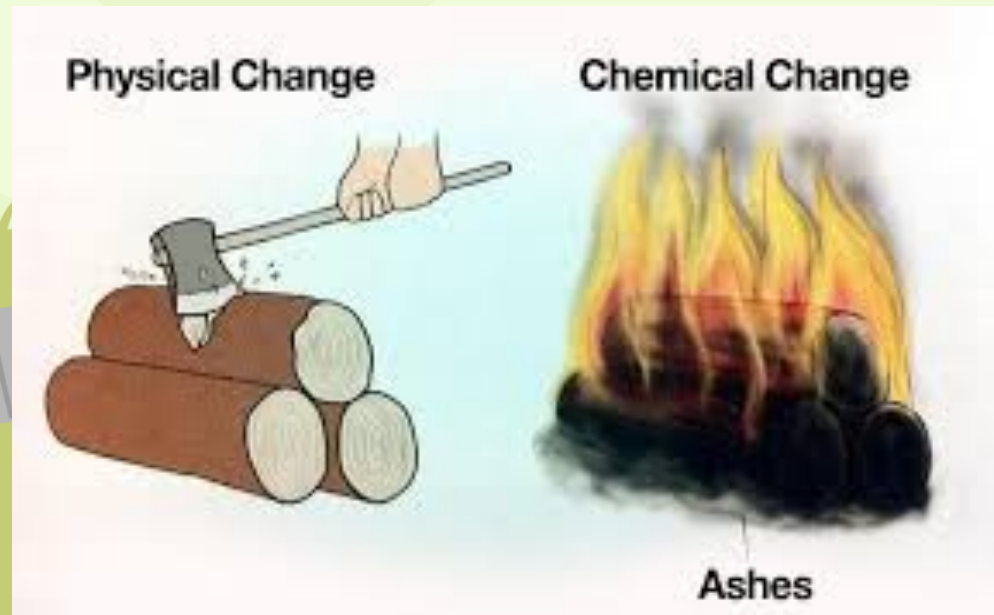
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PHYSICAL PROPERTIES VS CHEMICAL CHANGES



PERCEPTION OF APPLICABILITY



One of the best ways to make our subject significant for our students is to show how it will be useful for them in the future.

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HOW TO MAKE SCIENCE RELEVANT TO THE STUDENTS



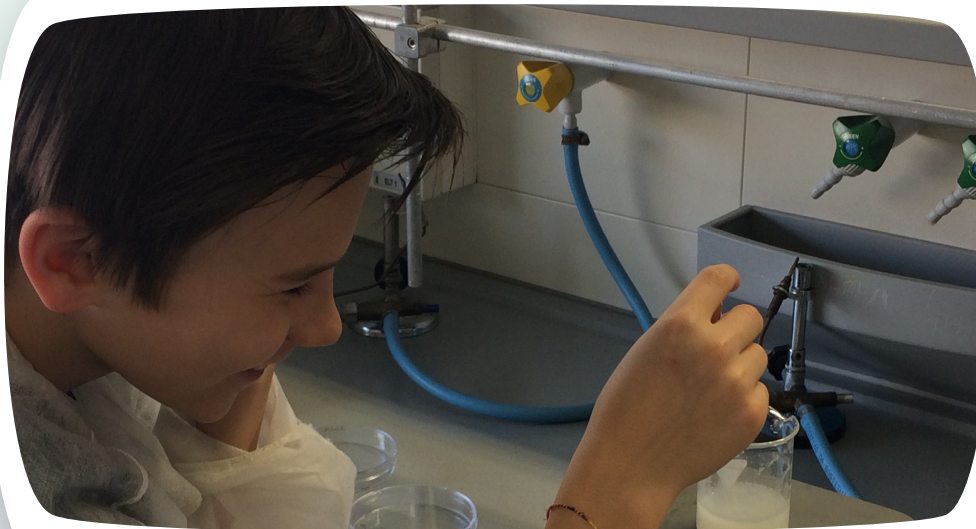
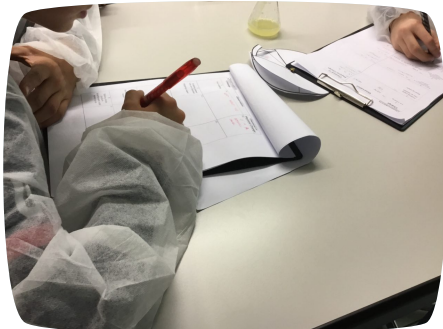
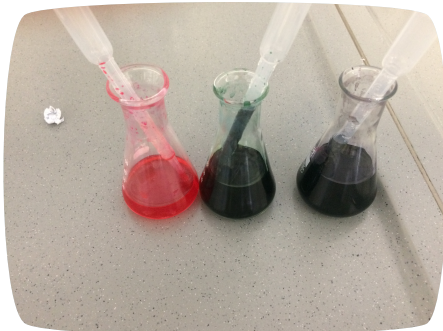
- Spark curiosity
- Prepare to investigate
- Make a useful tool (e.g. decisional wheel..)
- Students investigate reactions which produce a gas, form a precipitate, and cause a color change.
- Students also explore endothermic and exothermic reactions.
- Engage students in conversation of how the substances have changed

...Extend...





CATS TELL STORIES OF GHOSTS



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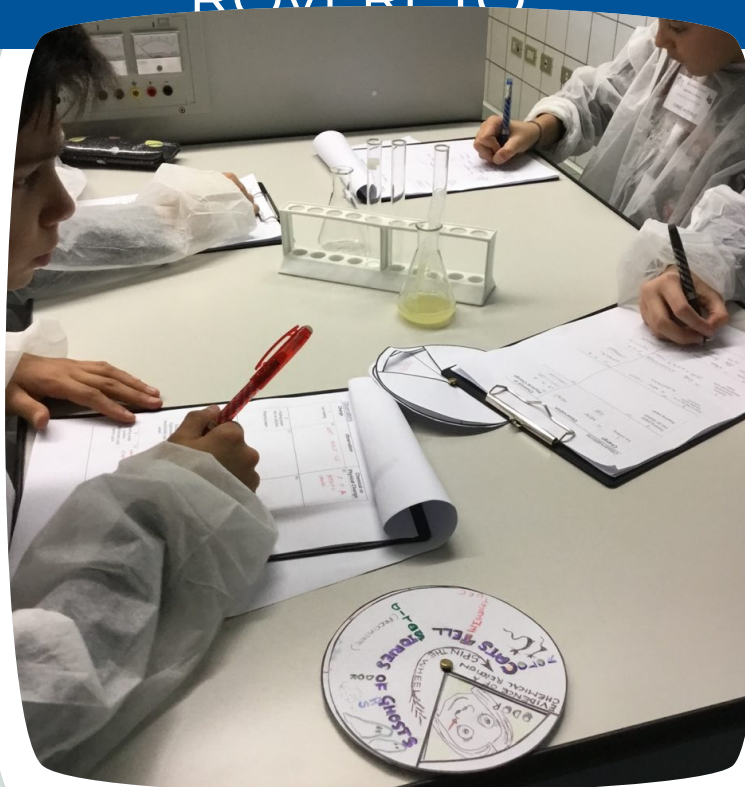
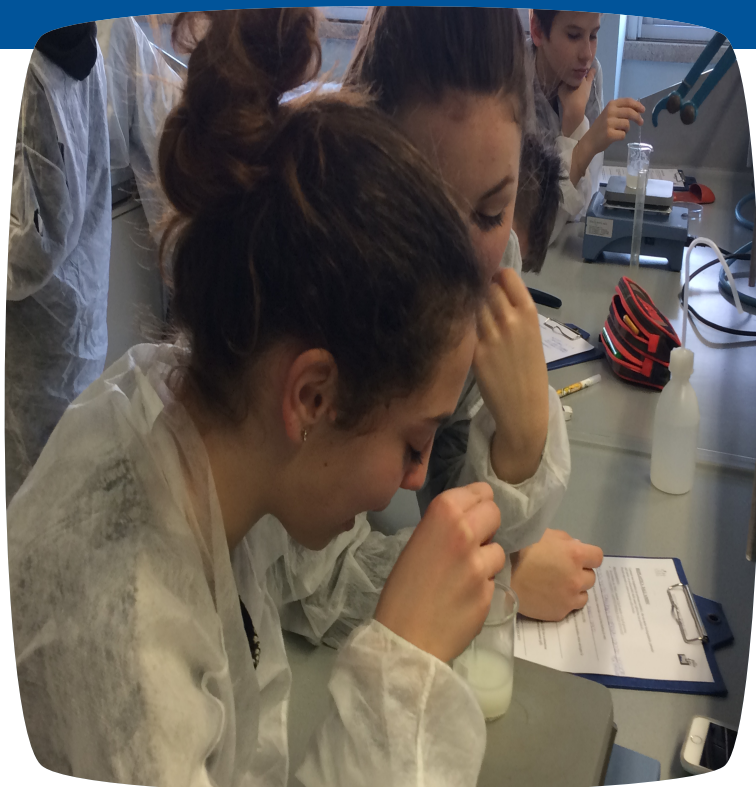
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CATS TELL STORIES OF GHOSTS

GOALS

- DEVELOP SCIENTIFIC REASONING ABILITIES
- INCREASE UNDERSTANDING OF THE COMPLEXITY,
- DEVELOP PRACTICAL SKILLS, CULTIVATING INTEREST IN SCIENCE
- IMPROVE TEAMWORK ABILITIES



And last but not least..

... pupils speak in an another language and as A. Mackenzie states, CLIL produces life-long learners and students are provided with real-world skills and enhanced motivation and self-confidence.



Extension:

Explore the concept of chemical reactions and rearrangement to make the products

Stimulate more thought and discussion

Focus on how individuals work to apply scientific knowledge in solving real-world problems



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THAT'S ALL, THANK YOU!

Credits: Prof. Lucia Marchi
– Chemistry Department



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