

**Dott.ssa Maria Elena Dealessi**

***Benvenuti***



**STEM**

Science, Technology,  
Engineering, Mathematics



**31 agosto 2018**  
**Saluti finali**

**PRESSO LA SEDE**

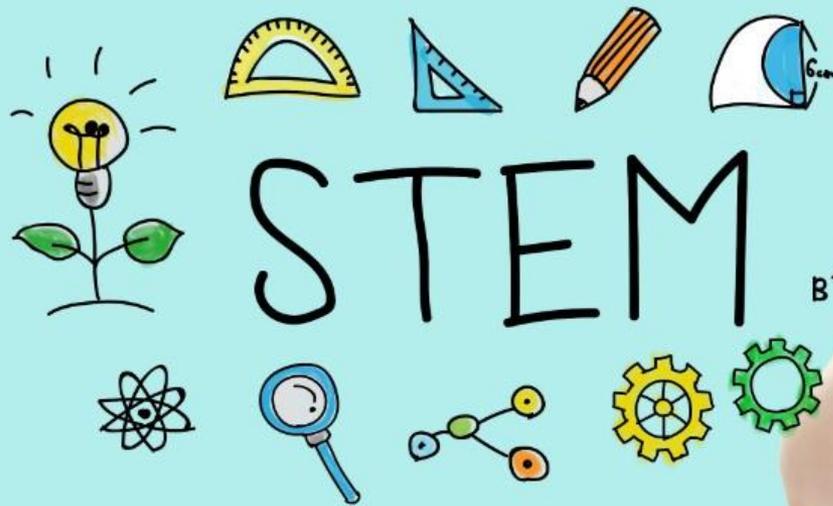
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**ISTITUTO "A. VOLTA"**  
**SCUOLA SECONDARIA DI PRIMO GRADO**  
**"CAVOUR"**

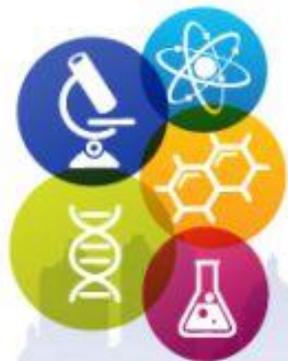


# Campus estivo





STEM



STEM

in the

CITY

SUMMER CAMP



-SERVIZI ALUNTI-



$$E=MC^2$$

$$w=mg$$

$$a^2+b^2=c^2$$

$$v_i+at$$

M<sub>E</sub>C  
B<sub>J</sub>F<sub>U</sub>

A<sup>G<sup>X</sup>N</sup>P  
C L O K  
D R T H





$$\frac{\lambda_0}{\lambda} = \frac{f}{f_0} = \sqrt{\frac{1-v/c}{1+v/c}}$$

$$u' = \frac{u+v}{1+uv/c^2}$$

$$t' = \frac{t}{\sqrt{1-v^2/c^2}}$$

$$p = \frac{h}{\lambda}$$

$$E = mc^2$$

$$E = hf$$

$$E^2 = \gamma^2 c^2 + m_0^2 c^4$$

$$p = \frac{mv}{\sqrt{1-v^2/c^2}}$$

$$m' = \frac{m}{\sqrt{1-v^2/c^2}}$$

$$E = \frac{mc^2}{\sqrt{1-v^2/c^2}}$$

$$l' = l\sqrt{1-v^2/c^2}$$

$$K_{\max} = E - \phi = h(f - f_0)$$





$$B_i A_i = E_i A_i + \rho_i \sum_j B_j A_j F_j \quad \nabla \times \vec{E} = -\frac{\partial \vec{B}}{\partial t} \quad \vec{F} =$$

$$dU = \left(\frac{\partial U}{\partial S}\right)_V dS + \left(\frac{\partial U}{\partial V}\right)_S dV$$

$$F_j = \sum_{k=0}^{N-1} f_k e^{2\pi i j k / N} \quad \nabla^2 u = \frac{\partial u}{\partial t}$$

$$P_{n+1} = \Gamma P_n (1 - P_n)$$

$$\frac{\hbar^2}{2m} \nabla^2 \Psi(r,t) + V \Psi(r,t) =$$



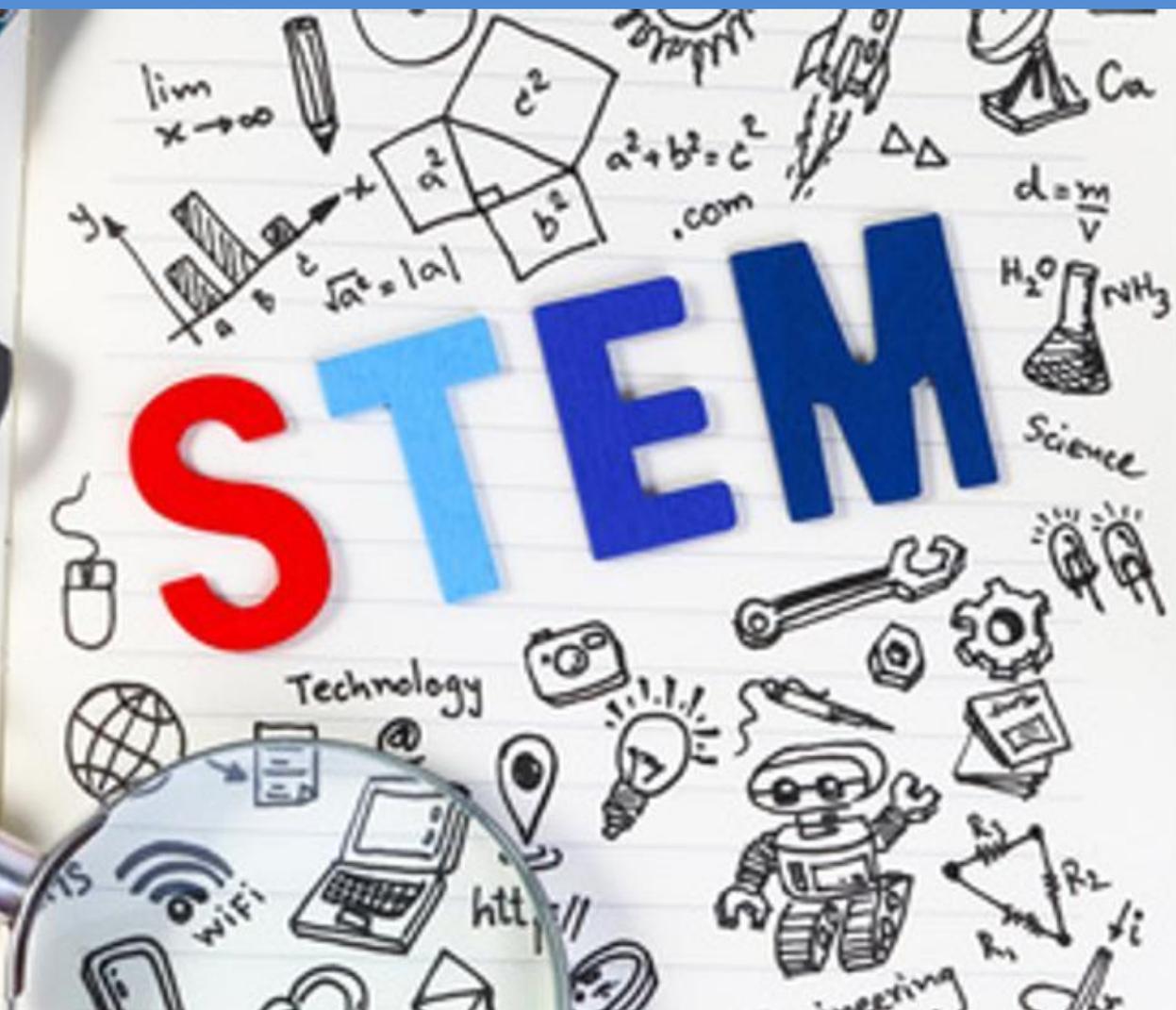






Cool

STOP  
WISHING  
START  
DOING



# STEM

$$\lim_{x \rightarrow \infty}$$



$$a^2 + b^2 = c^2$$

$$\sqrt{a^2} = |a|$$

$$d = \frac{m}{v}$$



Science

Technology

wifi

http://

Engineering













$$\left\{ 1 - \frac{\sigma^2(x_1) \cdot \sigma^2(x_2)}{\sigma^2(x)} \right\} = 2 \left( 1 - \frac{2\sigma^2(x_1)}{2\sigma^2(x_1)[1 + \rho(x_1, x_2)]} \right)$$

$$\left\{ 1 - \frac{\sigma^2(x)}{n \rho(x_1, x_2)} \right\}$$

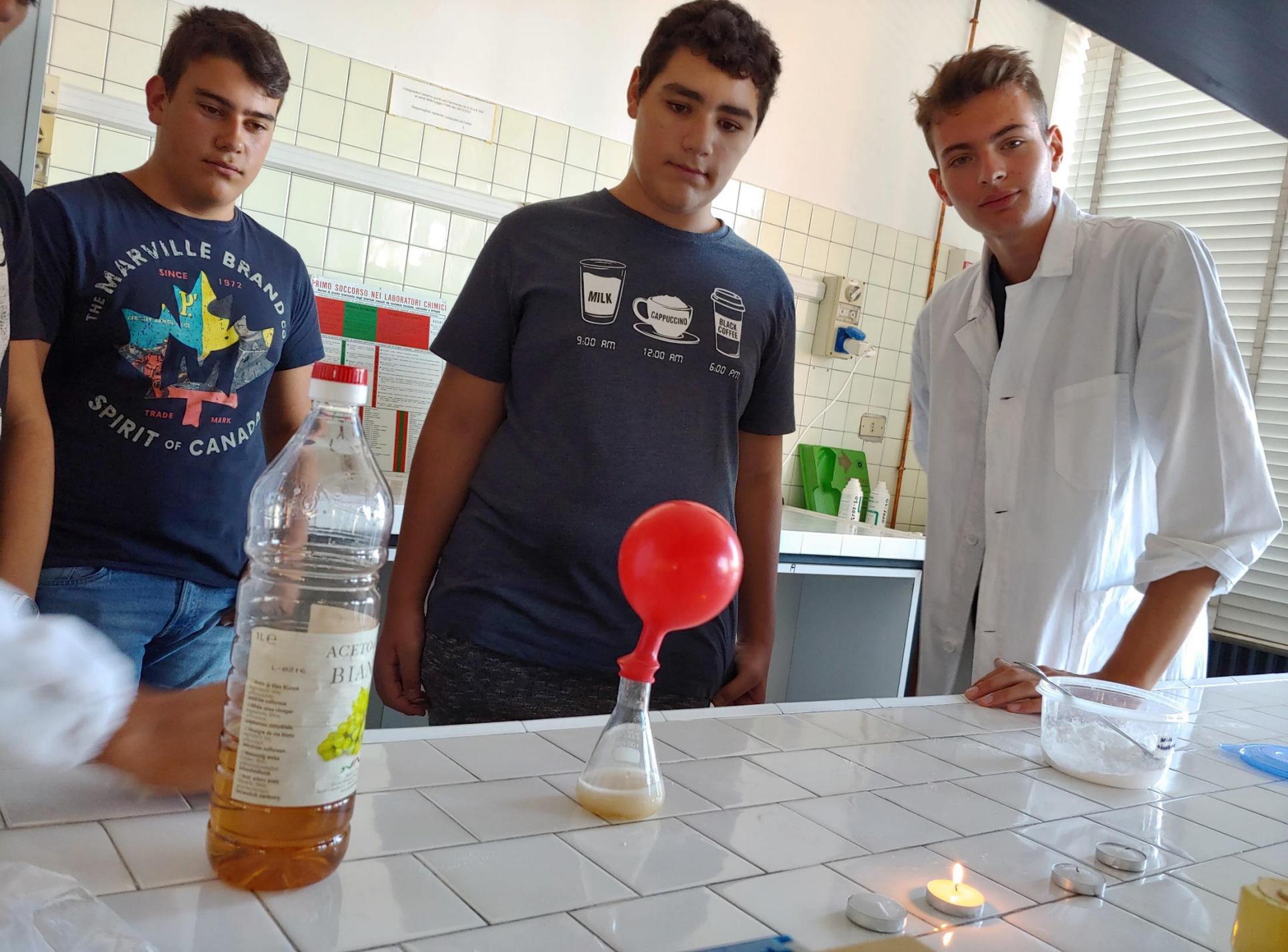
$$\left\{ \frac{n \rho(x_1, x_2) - 1}{n \rho(x_1, x_2)} \right\} = \frac{2\rho(x_1, x_2)}{n \rho(x_1, x_2)}$$

$$\sigma^2(x) = \sigma^2\left(\sum_{i=1}^n x_i\right) =$$
$$\sigma^2(x_1) + 2 \sum_{i=1}^{n-1} \sum_{j=i+1}^n \rho(x_i, x_j) =$$

$$\sigma^2(x_1) + \sum_{i=1}^{n-1} \sum_{j=i+1}^n \rho(x_i, x_j) = \sigma(x_1) \sigma(x_j)$$



STOP  
WISHING  
START  
DOING



THE MARVILLE BRAND  
SINCE 1972  
TRADE MARK  
SPIRIT OF CANADA

MILK 9:00 AM  
CAPPUCCINO 12:00 AM  
BLACK COFFEE 5:00 PM

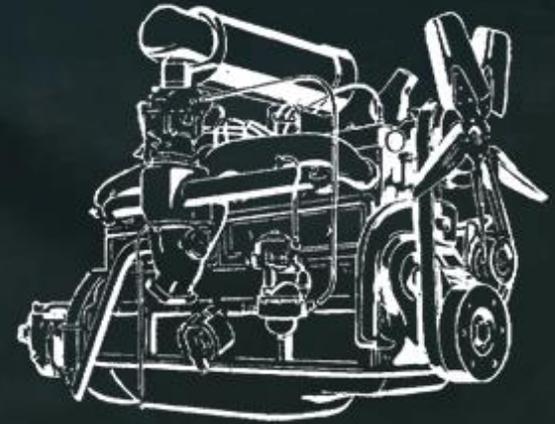
ACETO BIANCO

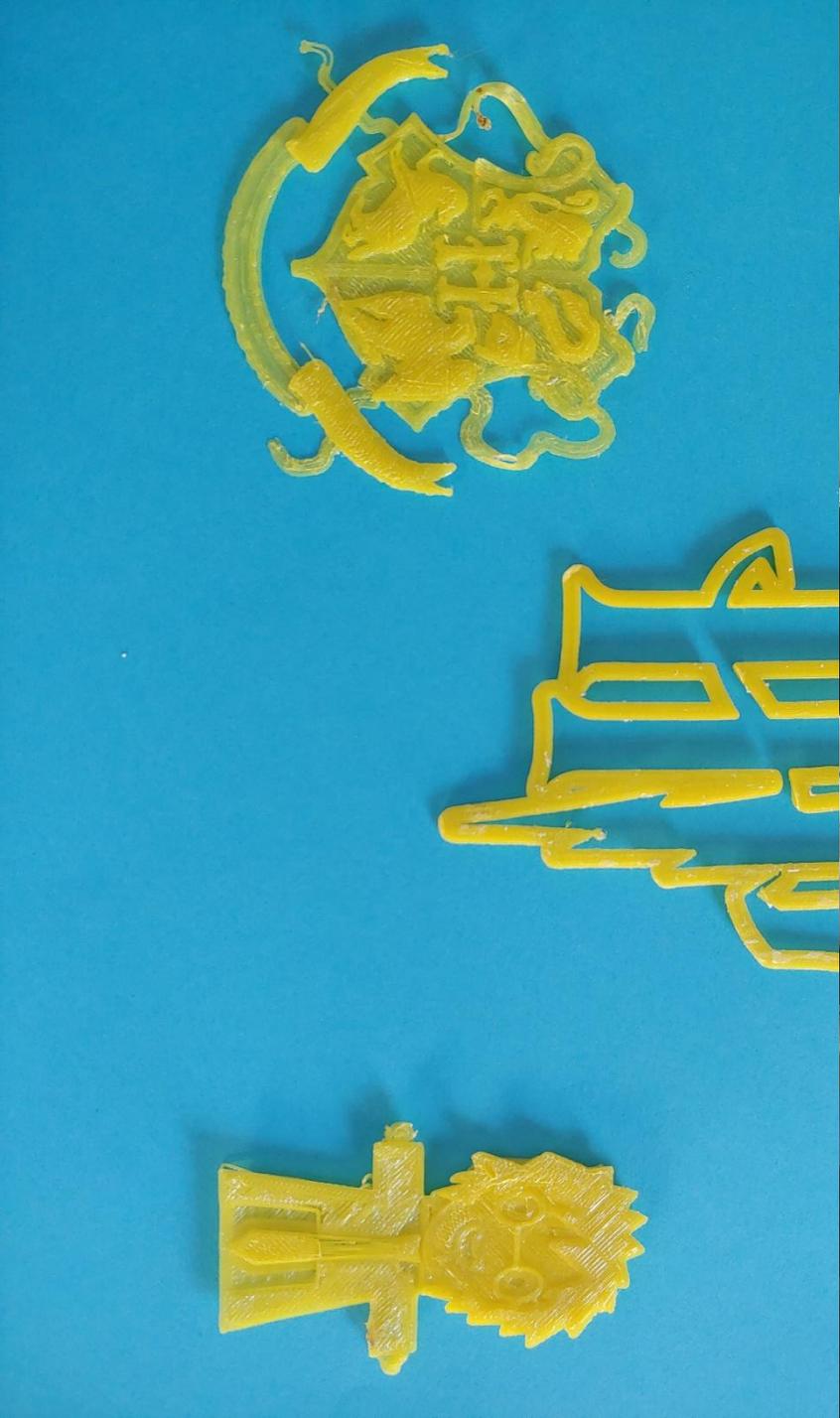
PRIMO SOCCORSO NEI LABORATORI CHIMICI

# STEM



$$\begin{matrix} 3^2 & 5/6 & x \\ (\phi) & \infty & \sqrt{\pi} \\ f & [+] & [9x] \\ \Sigma = 4 & & 1 < 7 \end{matrix}$$







La scienza sarà il mio lavoro  
... perché sono curiosa !

























Festa di fine **CAMPUS**  
studenti

insegnanti

genitori



**Rendete la vostra vita magica...  
ricca di sorprese!  
Dipende da voi !**