

MODEL OF STEAM ACTIVITY FOR TEENS

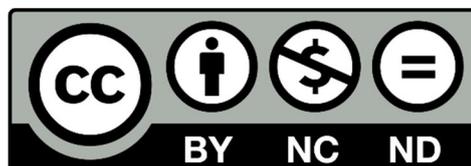
MADE BY XKÈ? IL LABORATORIO DELLA CURIOSITÀ



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Xké? IL LABORATORIO DELLA CURIOSITÀ



Opened in 2011, Xké? (“perché” means “why?” in Italian) is an educational center where elementary and middle schools (core target) can experience science activities through a hands on method and a constant interaction and stimulation, granted by the presence of tutors/explainers.

The main goal of the Center is to approach science through creativity and curiosity, in order to promote an innovative teaching method and to close the gap between children and science (science in and within society).

More than 25 activities are offered to classes, throughout permanent exhibits: Math, Light, Metrology, Robotics, Statistics, principles of Biology, Chemistry and Physics.



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Temporary exhibits, events and conferences are also regularly scheduled. During these years, Xké? also worked with many other institution and project to foster the scientific awareness and competences of the students (6/13).



This year, more than 1.000 school groups (more or less 20.000 students) came to Xké? to take activities (labs and specific workshops)
Xké? is partner of this UE project because of his ability to connect competences (the content of labs is always on science) and innovative and engaging tools

Flowchart of inquiry-based workshops at Xké?



The flowchart can be a guideline for an innovative teaching experience

The highlights in the chart can offer teachers/educators suggestions for hands on activities in class.

A key of informal education supporting formal education.



The flowchart tells the process and timing



The arrows links the different moments/process of the workshop →

The dotted lines are suggestions, concrete exemples of how to address to children - - - - -

The quotes are speaking comments



