



Officina Educazione Futuri 2022

Description of the practice/project related to the topic "Spaces of inclusion and democracy" you are sharing with the community of Officine

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| Name of the people /person involved | Domenico Bracciodieta |
| Affiliation | IISS Leonardo da Vinci – Cassano delle Murge (Ba) |
| Title and practice/project short description (max 1000 characters) | <p>CassanoScienza Festival</p> <p>The main themes dealt with in this festival of the scientific divulgation in the last few years have been: Metamorphoses, Forms of life, Reality and Conscience, Bodies, Appearances, Sustainability. Born as an extended version of the institutional annual Science Week, in cooperation with Multiversi Scientific Association, the festival has tried to reach these targets: to involve students and teachers alike in a cross curricular way to learning; to understand and promote the new scientific theories applied to everyday life, and turn them into educational labs, thus making the students the real protagonists of a more practical kind of learning; to invite not only students and teachers from other classes and other institutions to visit the interactive labs, but also experts of different scientific fields to deliver inspirational talks about the most updated research in medicine, chemistry, physics, architecture, mathematics, biotechnologies; finally, to promote the concept of 'scientific citizenship'.</p> |
| Notes on didactical /methodological innovation introduced (max 1000 characters) | <p>At the beginning of each school year, a common theme is chosen to be developed in the classes of the institute. It is meant to be the common ground between the different school subjects, in a cross curricular perspective, named 'Oltre le Discipline'. Such a method is an effective combination of different didactic methods which include project working, cooperative learning, inquiry learning aiming at creating a completely student-centred 'cultural product' to be shown at the science festival. Group working and re-arrangement of the learning spaces have produced a very positive effect on the students' motivation, critical thinking and learning autonomy, along with a growing awareness of the proper use of the technological devices and techniques to help students work out the most effective research project. The common theme of the festival is not only</p> |

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| | <p>useful to combine scientific and artistic subjects, but around it teachers are able to associate such cross curricular skills as: classifying, defining, comparing, exemplifying, experimenting, giving evidence, calculating, reporting, describing, predicting etc., which do not belong exclusively to the 'traditional' scientific method.</p> |
| Key words (max 6) | Collaboration, Cross-curricular, Laboratories, Motivation, Participation |
| Short biography of the people /person involved (max 900 characters) | <p>Domenico Bracciodieta has been teaching English for over 30 years at IISS Leonardo da Vinci in Cassano delle Murge (Ba), covering multiple functions from Head of Language Department to Deputy Headmaster, being also in charge of EU funded research projects, mainly set in London, UK, in collaboration with Science Museum and Tate Modern.</p> <p>Teacher trainer in methodology and linguistic competences for primary and secondary teachers, he is the author of "Sharing Worlds", a History and Anthology of English and American Literature for Laterza publishers, that made him win the Fulbright scholarship for American Studies Seminar at UIC Chicago, USA.</p> <p>He has worked out an original version of 'Oltre le Discipline' methodology, included in INDIRE proposal of Avanguardie Educative. He is currently developing VOICEBOOK.cloud, a web platform based on an innovative approach to Listening.</p> |