

Implementing Art, Science and Technology in Education

Michiel Koelink

Breitner Academy, The Netherlands

Abstract

ArtechLAB Amsterdam would like to present and discuss, in a Round table presentation within the main theme of Artistic and scientific collaborations, our art educational vision and how we are implementing this vision in courses, workshops and teacher training programs for pupils, students and teachers in primary, secondary and higher professional education. In the last five years we have successfully developed and organised activities that make art education attractive to a more cognitive diverse population, more inclusive for boys, nerds, techies etc.

We implemented a successful course in art science, technology and education in the curriculum at the bachelor programme of Fine Art in Education from the Breitner Academy. Organised multiple teacher training programs for art education professionals. Helped schools implement a curriculum with more focus on art, science and technology integration. And we organized workshops for pupils in all levels of education that inspire pupils and enable teachers. Together with the Arts Education research group from Emiel Heijnen and Melissa Bremmer we have executed a design based research project involving

both science and art teachers Art for nerds, science for hipsters: Transdisciplinary educational design labs.

A Round table presentation would work very well. We think we have an interesting theme and are a collective with ideas to share. We would start with presenting our inspiration, ideas, activities and our tools for educational design. We are interested in feedback from other (art) educators and initiatives working within similar themes to help us improve our vision and activities.

Keywords

Art Science and Technology, Diversity, Transdisciplinary.