



**CREATIVITY CULTURE
& EDUCATION**

The International Foundation
for Creative Learning



THE ART OF LEARNING

Di Fisher-Naylor
Director
CCE

The Art of Learning is an international two-year action research programme that is exploring what happens in the brains of students who have art and culture as a form of learning at school.

The programme consists of a specially designed learning program where teachers and artists collaborate to give students learning experiences deeply rooted in the arts and culture but linked directly to the school curriculum.

It is a 48 week programme delivered for 6 x 90 minute sessions every two weeks. The artists work in school for 4 of these sessions working with the teacher and the teacher delivers the other 2 sessions independently. It is part of 'life in school' over 2 years.

The Art of Learning is accompanied by an independent research project that looks at the effect the program has on children's executive functions.



THE PARTNERS

- 10 primary schools in 6 different municipalities in Innlandet Norway, and 5 schools in Hungary.
- Culture Department of Innlandet County Municipality
- Creativity, Culture and Education
- T-Tudok
- Inland Norway University of Applied Sciences (Department of Psychology and CCL v. Teacher Education)
- Kulturtanken
- National Centre for Art and Culture in Education (Nord University)
- Centro de Desarrollo de Tecnologías de Inclusion (CEDETI) at Pontifical Catholic University in Chile
- ADHD Norway
- Theatre in the Fjell region



Overall goal: Investigate whether a two-year art-based learning program in the every day life of school can have a positive effect on the development of children's executive functions.

Hypothesis: Children who are part of the Art of Learning will develop their Executive Functions to a greater extent than the control group. We also there to be improvements in the social environment in schools.

WHAT IS THE GOAL?



Working memory

Particularly important for reading/writing/calculating.



Inhibitory Control

Thinking before acting, resisting impulses to complete tasks



Cognitive Flexibility

Seeing things in a new way, creative problem solving, flexibility



WHAT ARE EXECUTIVE FUNCTIONS

TESTING EF



Yellow/red: Digital, game-based test, which work on digital tablets.

BRIEF 2: Questionnaire. Teachers and parents parenting.

Alongside interviews with:

Teachers

Artists

Parents

Children

4 Times during the programme

- Test 1: Sept 2021
- Test 2: May/June 2022
- Test 3: May/June 2023
- Test 4: Jan/Feb 2024

The results can lead to:

- better understanding of what happens to children who are actively engaged in art and creativity learning activity
- provide input to innovative, interdisciplinary and creative learning methods in the school (supporting the implementation of a new curriculum in Norway)
- support teachers to expand their competence by trying out new practical methods in the classroom
- better understanding of EF development and treatment of underdeveloped EF
- increase the value of the artists' role in the school and in learning
- increase interest in art and contribute to more children participating in art and cultural activities



IS IT IMPORTANT TO DO RESEARCH ON THIS?

AOL WEBSITE:
[HTTPS://KUNSTENALARE.NO](https://kunstenalare.no)



The art of learning

What happens in the brains of students who have art and culture as a form of learning at school?

The project consists of a specially designed teaching program where teachers and artists collaborate to give students art and school subjects over two years.

[Read more about the project](#)

News



International school visit

The guests from England and Hungary were impressed by the way the schools have integrated the art of learning into teaching.

26.11.2021



The artists about life as natives

The project The Art of Learning has given population growth of three artists to the county. How is life in the Inland so far?

13.10.2021



- Funny and interesting

What happens in the brains of students who have art and culture as a form of learning? Now the research project The Art of Learning is underway.

16.09.2021

[See all the news](#)

CCE WEBSITE:
[HTTPS://WWW.CREATIVITYCULTUREEDUCATION.ORG/](https://www.creativitycultureeducation.org/)

Email: di.fisher-naylor@cceengland.org
