



UNIVERSITÉ
DE GENÈVE



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Haute école de santé
Genève



Art et Développement

Anglais:
Art and Development





What do our children learn through music, art, and culture?
How does the brain develop when children practice music & art, and participate in cultural events?

If you want to discover how artistic and cultural activities can improve the brain development and the cognitive abilities of your child, our study is here for you!

Our team at the GEMMI laboratory is inviting you to participate in a study on child development following artistic and cultural activities. Your child will be randomly placed in one of the 3 groups of the study*. Participate with us in this scientific study!



MUSIC group

Music courses in groups with string instruments (violin, cello, etc.) to explore various musical styles (classical, pop, jazz).

Twice a week for 45 minutes

Organized by the Accademia d'Archi.



VISUAL ARTS group

Visual arts courses in groups, for example for painting, sculpting, drawing, or collage.

Twice a week for 45 minutes.

Organized by the Haute Ecole Pédagogique de Lausanne.



CULTURE group

Cultural outings in groups: concerts, museums, theaters, botanical gardens, etc.

Every 6 weeks.

(at 16h or on Wednesdays)

Accompanied by accredited adults.



We need your childrens' participation to help us better understand how artistic or cultural practice stimulates development. For this, 3 types of data will be collected:

At the start of the study, after 1 year, and after 2 years.

GAME-BASED COGNITIVE TESTS

The children will do fun games to evaluate their cognitive abilities (e.g. memory, reaction time, concentration, reasoning), as well as their musical and artistic skills.



SCHOOL GRADES

We will analyze school grades to evaluate the benefits of artistic or cultural practice on mathematics, French, etc.



BRAIN IMAGING*

We will do non-invasive brain scans, with game-based tests of auditory and visual memory.



Participation is free.

We hope that through this participation, your children will have the opportunity to discover new interests.

* The images of the brain will be collected through magnetic resonance imaging (MRI).



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IMPORTANT INFORMATION

We are looking for children (and parents) who want to commit for the entirety of the project (2 years), and who will participate in the activities very regulary.

Without this guarantee, we will not be able to accept the participation of your child and we thank you in advance for your precious collaboration.

For all other information, please contact:

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