

Supplementary materials

Math Tests. Two versions of each test were prepared, with different problems, so that pre- and post-training booklets were unique and counterbalanced across the sessions:

- A-test-Additions.pdf
- B-test-Additions.pdf
- A-test-Subtractions.pdf
- B-test-Subtractions.pdf
- A-test-Operations.pdf
- B-test-Operations.pdf

Instructions to the teachers to guarantee the correct procedure during tests. The version in Catalan (original), and the version in English (translation):

- Instruccions_professores_Catala.pdf
- Teachers_instructions_English.pdf

Results of the math tests from the 90 children:

ResultsMathTests.csv

Computer games:

We introduced a novel training regime, the Numerical Estimation Training (NET), implemented through the computer game “Digits”, available at <https://numericalcognition.net/digits>.

For our control group, we replicated the Quantity Discrimination Training (QDT) from Ferres-Forga and Halberda (2020), implemented through a version of the “Panamath” game, available at <https://panamath.org>.