



mathia



IMPACT REPORT

2024




**MINISTÈRE
DE L'ÉDUCATION
NATIONALE
ET DE LA JEUNESSE**
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 **BANQUE des
TERRITOIRES** 

**PARTENARIAT d'INNOVATION
INTELLIGENCE ARTIFICIELLE**

Partenariat d'innovation pour l'acquisition d'un assistant pédagogique basé sur l'intelligence artificielle à destination des enseignants et des élèves du cycle 2.

Avec le soutien de



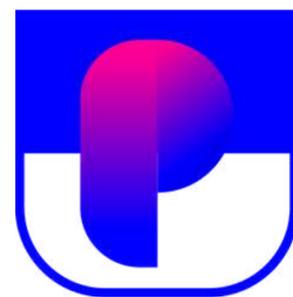
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WHO ARE WE?



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Only half of the students entering sixth grade can correctly answer 'how many quarter-hours are there in $\frac{3}{4}$ of an hour?' - CSEN, September 2023

The TIMMS ranking (an international ranking on math education) ranks France last in Europe and 40th in the OECD.

13% of waged jobs in France (3.3 million jobs) require high math proficiency, and this number is expected to explode - CNRS, 2022





VISION

A world where every child has a high level of math knowledge and becomes a citizen able to understand the world around them, making the best decisions for themselves and the community.



MISSION

Developing the mathematical and scientific potential of all children with a personalized and tailored solution.



VALUES

- Inclusion
- Commitment
- Adaptability

VALUE PROPOSITION



Encouraging children to play with math to build confidence in their abilities and potential.



Creating fun exercises and personalized learning paths for each child.



Providing teachers with detailed insights into their students' math learning levels.

USAGE CHALLENGE

- We believe that students or teachers who enjoy Mathia will regularly engage with math through Mathia.
- We also believe that children who enjoy doing math will become better at it.

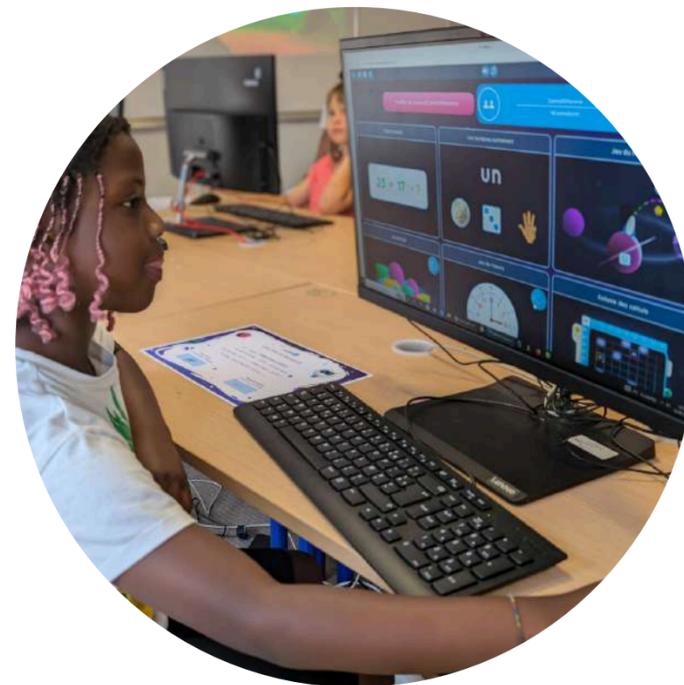
Key indicators:



Usage



Acquisition
of student skills



SCOPE AND METHODS

Data used in this report:

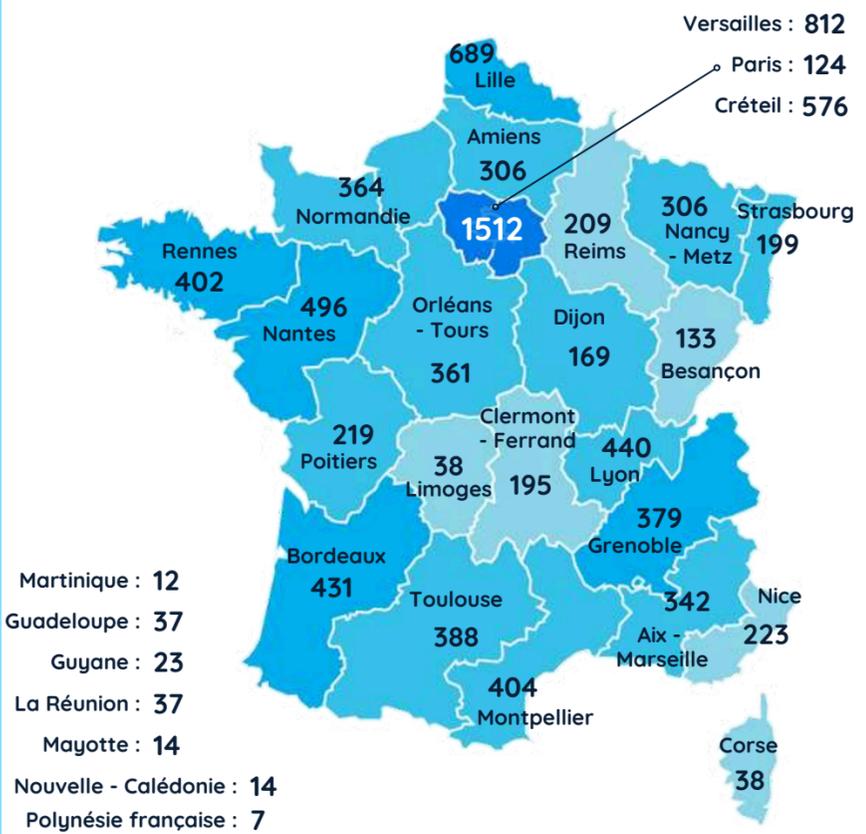
 Anonymized and aggregated usage data from Mathia by a sample of students who completed exercises corresponding to specific competencies being measured. The goal is to determine if children use Mathia and improve their math skills.



OUR ACHIEVEMENTS: Users and Usage (2023-2024 school year)

+ 9 000

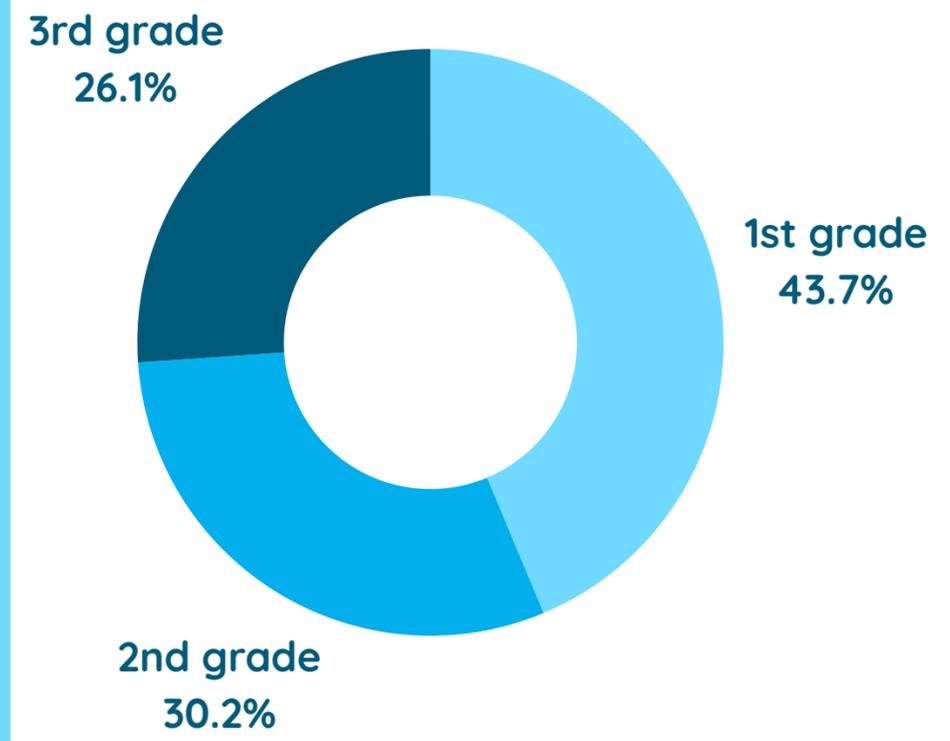
registered teachers



Distribution of teachers per academy

+ 40 000

registered students



Distribution of students per class

Including 639 inclusive school classes, or 2265 students.

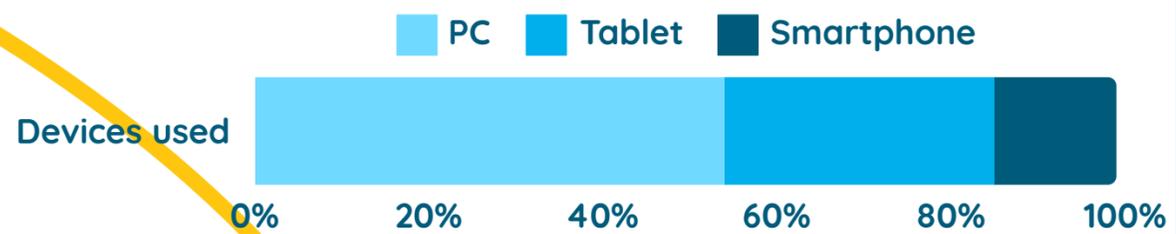
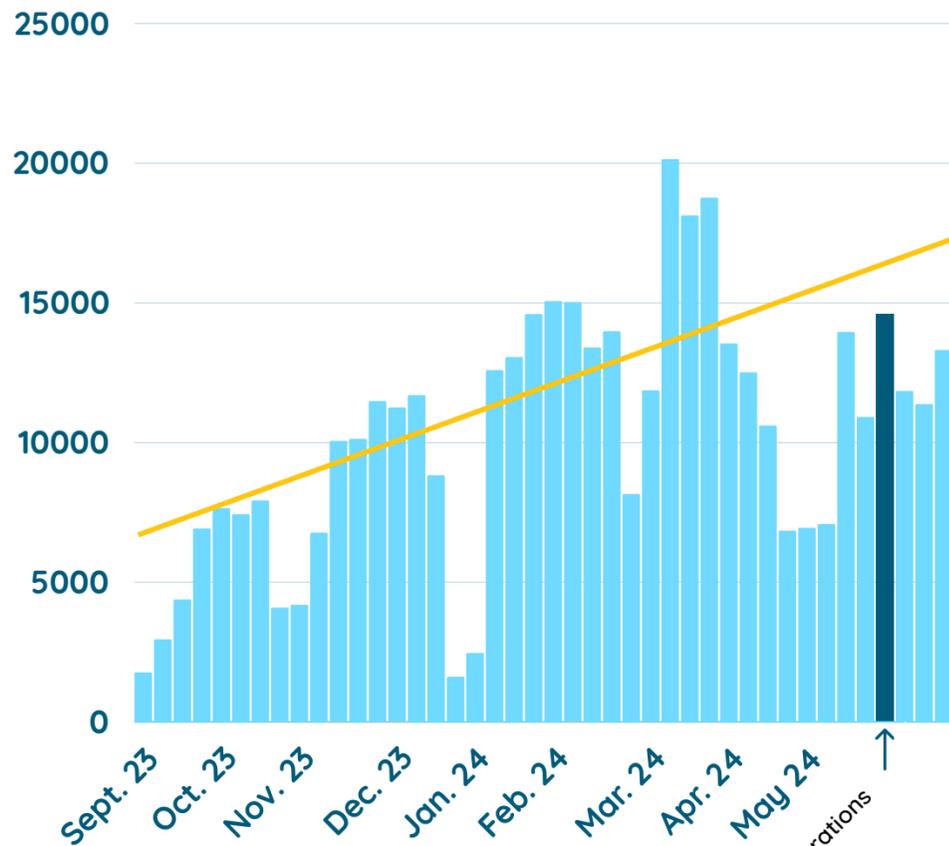
450 000

exercises completed

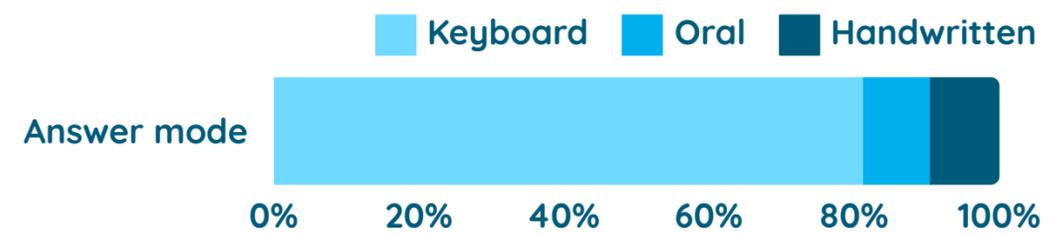
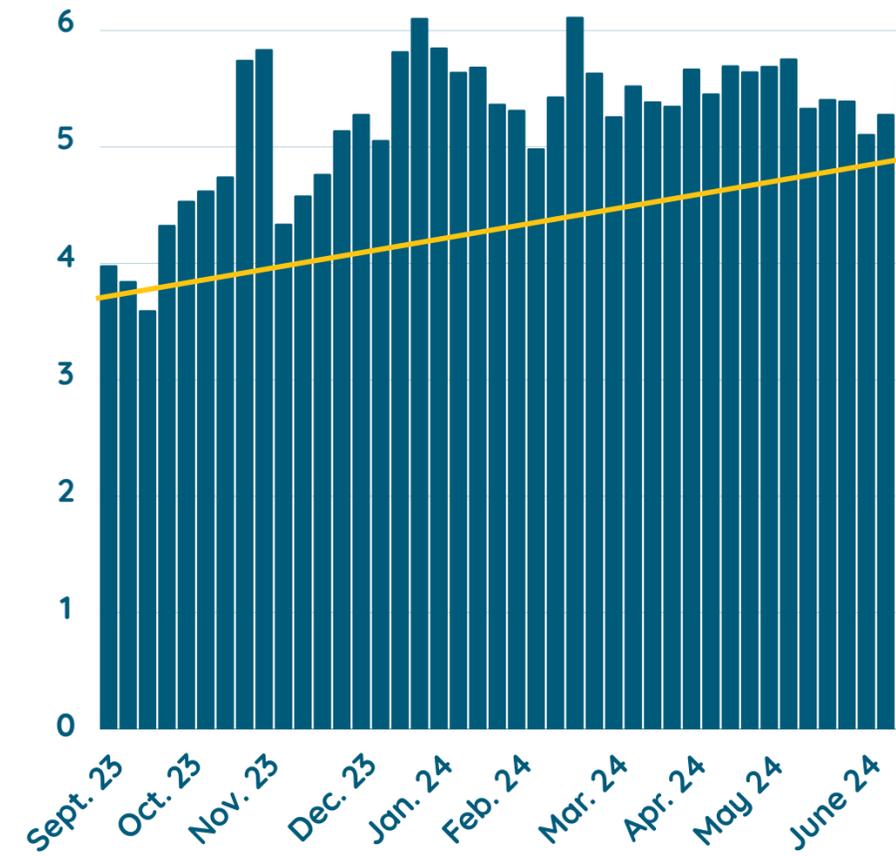


questions answered

Number of exercises completed per week

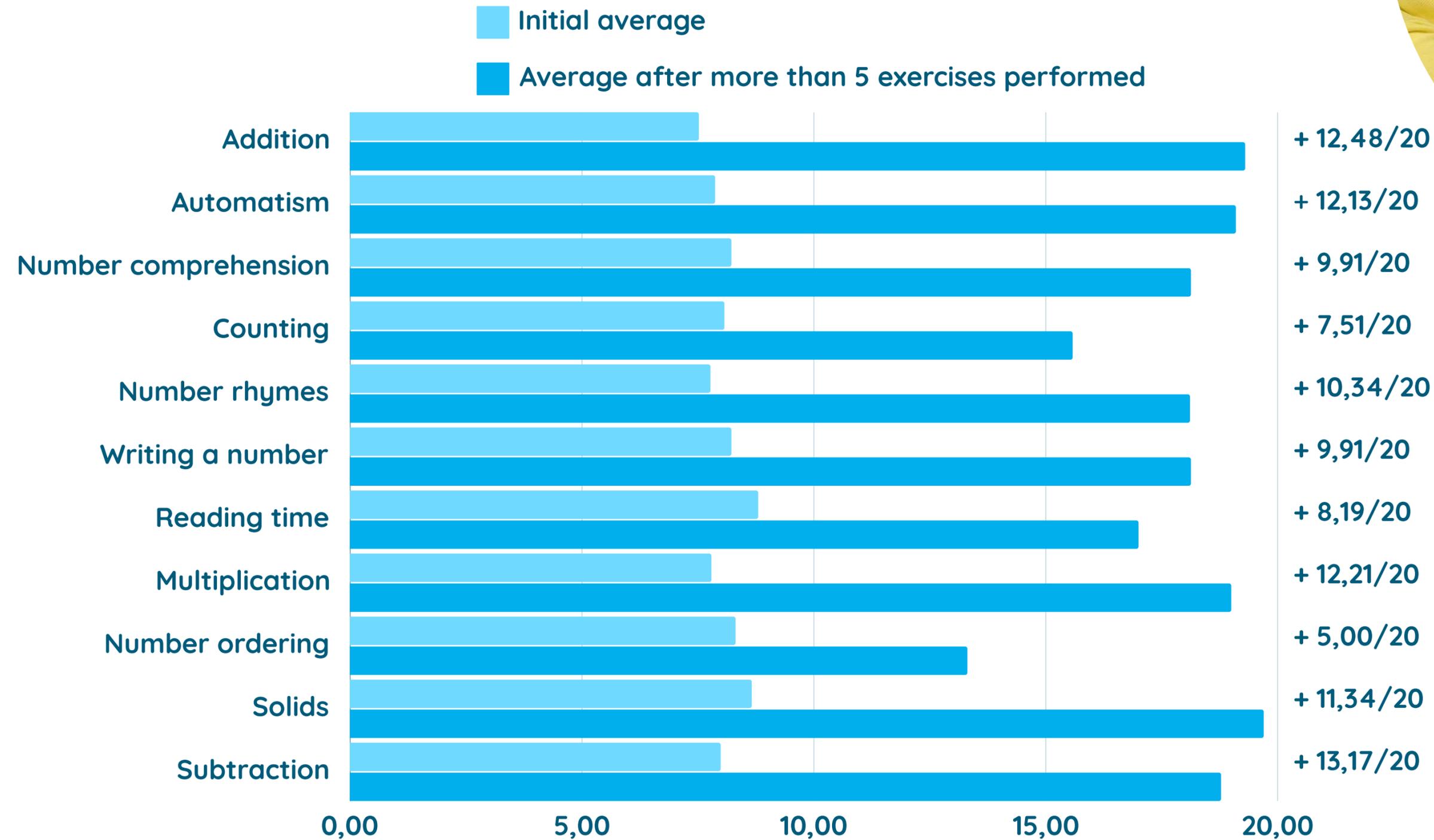


Average number of exercises completed per week per active pupil



COMPETENCE PROGRESSION

Based on a sample of 909 students who scored below average in the initial competency assessment activities for the 2023-2024 school year.



AN ARTIFICIAL INTELLIGENCE ASSISTING TEACHERS

During the 2023-2024 school year, more than 450,000 exercises have been completed on Mathia for cycle 2, including:

130 000

assigned by teachers based on AI recommendations

150 000

assigned automatically by the AI in adventure mode (this mode also offers students assignments from their teachers)

170 000

according to their own pedagogical choices

KEY LESSONS



- Enrollment and usage goals achieved
- Increasing use of Mathia, with more exercises being completed
- Students independently using Mathia, particularly at home
- Mathia facilitates math progress for all students, especially those struggling

- Diverse use of Mathia
- Mathia promotes equal opportunity in math learning



THANK YOU!




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