

MATH GAMES, PUZZLES & CHALLENGES

A playful mathematics club

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Why join the club?

Mathematics becomes something children can explore, discuss and enjoy.



Build confidence

Try ideas without being afraid of mistakes



Solve problems

Notice clues, patterns and possible strategies



Work together

Listen, explain and build on another idea



Use maths in life

Explore shopping, travel, design, games and art

A session full of thinking and doing

Every meeting follows a familiar rhythm, while the challenge changes.



WARM UP

A quick puzzle, pattern or estimation question



DISCOVER

The instructors introduce the main challenge



TEAM UP

Children test ideas, build, calculate or play



SHARE

Groups explain their strategy and what they changed

Children earn recognition for clear explanations, creativity, teamwork and persistence.

The same adventure at the right level

The Instructors adapt the mathematics while everyone enjoys the same theme.



PYP 1–2

THE MINI SHOP

**Count coins and notes
Add a few prices
Find simple change
Choose items within a small budget**



PYP 3–5

THE MINI SHOP

**Work with euros and cents
Calculate multi-item totals
Compare discounts
Plan purchases within a larger budget**

Children can move to a harder challenge when they are ready.

A peek inside the club



Detective Agency

Solve a mystery using number clues and logic



Mini Shop

Calculate prices, change and simple budgets



Maths Escape Room

Crack codes by completing maths challenges



Design a Dream Playground

Design with shapes, measurements and a budget

Plus probability games, mathematical art, tower building and logic tournaments



Skills that grow through play

1

Logical thinking

Use clues and recognise patterns

THINK

2

Mathematical communication

Explain an idea and listen to others

PLAY

3

Flexible strategies

Try another path when a plan does not work

SOLVE

4

Practical mathematics

Apply number, shape, measure and data

SHARE

5

Persistence

Learn from an unsuccessful attempt



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CLUB DETAILS

CLASSES

PYP 1–PYP 5

TUESDAY

14:00–15:00

GROUP SIZE

8–12 students

PRICE

€260

INSTRUCTORS

Sara Hoxha & Verena Kalej

Curiosity welcome! Bring your ideas and get ready to solve.

