

Exhibition Script: MathBot

AI Tutor to reduce the educational gap in mathematics

Before you begin: the central idea

All your project is summarized in ONE sentence. Learn it and repeat it as a guiding thread:

“MathBot is an AI virtual tutor that helps children learn basic operations (addition, subtraction, multiplication, division) by explaining the why behind each answer, not just giving it — to bridge the educational gap in a fun and accessible way.”

If you draw a blank at any point, come back to this sentence and continue from there.

SLIDE 1 — Exercise Bank

What to say:

“This is the content base for MathBot: a bank of 10 exercises, 2 for each basic operation — addition, subtraction, multiplication, and division—. Each exercise not only has the correct answer but also a brief explanation of the procedure to arrive at it.”

Concrete example (use one, don't read all four):

“For example, in subtraction: “There are 10 butterflies on a tree, 6 fly away, how many are left?” The answer is 4, but the important thing is that the step-by-step process is explained with a countdown: 10, 9, 8, 7, 6. This way the child doesn't memorize the result, they understand the process.”

Closing phrase for this slide:

“This is key because in mathematics, understanding the ‘how’ is what truly generates learning, not just knowing the ‘what’.”

SLIDE 2 — Feedback System

What to say:

“MathBot not only corrects, it explains why. Its feedback system is based on four principles.”

List them in your own words (don't read them verbatim):

1. “Always explain the reason for the answer, don't just say ‘good’ or ‘bad’ .”

2. “Use a warm tone, without generating guilt: mistakes are presented as a natural part of learning.” 3. “Reinforce the step-by-step procedure, prioritizing reasoning over memorization.” 4. “Motivate them to keep trying, avoiding the child's frustration.”

Example to illustrate:

“If the child answers the butterfly exercise incorrectly, MathBot doesn’t just say ‘incorrect.’ It says something like: ‘Keep trying, every mistake helps you learn, remember you need to subtract 10 minus 6.’ And when they answer correctly, it reinforces the reasoning by explaining the countdown.”

Closing phrase:

“This pedagogical approach is what differentiates MathBot from a simple calculator: it emotionally supports the learning process.”

SLIDE 3 — Outreach Campaign

What to say:

“To make MathBot known, we designed a brief social media outreach campaign, with three key messages and a poster featuring the mascot.”

Briefly explain the poster:

“The poster uses striking visual language that is close to children, with the idea that ‘doing math now is a great adventure,’ and a hashtag to position the campaign: #AventuraMatemática.”

Mention one or two messages, not the three verbatim — paraphrase:

“The messages aim to change the perception of mathematics as something boring, presenting them as a game or a visual challenge, targeting both students and those looking for a free and accessible tutor.”

SLIDE 4 — List of AI Tools Used

This slide is IMPORTANT: here you show methodological honesty. Explain it with confidence, don't rush it.

What to say:

“It is important to be transparent about what artificial intelligence did and what we did as a team.”

What AI did (summary, don't read the full list):

“The AI generated the visual content —like the mascot MathBot and its animation—, proposed texts and images for the educational material, helped draft prompt variants to refine results, and assembled the interactive guide in Canva based on our instructions.”

What we did (this is the most important thing to highlight):

“We define the target audience and the educational gap to address, choose the specific course and topic —basic operations—, review and validate each exercise and answer before publishing them, and design the entire learning path, the tone of the feedback, and the dissemination campaign.”

Closing phrase (very important to say, shows good judgment):

In summary: AI was a support tool for producing content, but the pedagogical and design decisions were ours.

SLIDE 5 — Closing

What to say (more emotional tone, ends with energy):

“With MathBot, we aim to transform the educational gap into an opportunity: to turn math learning into an accessible, fun, and supported adventure, using artificial intelligence as a learning ally and not as a replacement for the pedagogical process. Thank you very much.”

 Tips to sound professional

1. Don't read the slides word for word. You already have the script above in your own words — use it as a base and practice saying it from memory or with the support of short notes.
 2. Use **transitions between slides, for example:**
 - “Now that we’ve seen the exercise bank, let’s move on to how MathBot provides feedback to the student...” – “Having explained the pedagogy, let’s see how we plan to disseminate the project...”
 3. Speak slower than you think is necessary. Nerves speed up speech. 4. Pause after each closing sentence—it gives weight to the idea. 5. Slide 4 is your moment to show professional judgment. Don't downplay it; present it with confidence because it shows the AI was used responsibly. 6. Practice out loud at least 2 times, timing the total duration.
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 Summary script (if you need the ultra-short version)

1. Initial phrase with the central idea. 2. Bank of 10 exercises with step-by-step explanation, not just the result.