



**ARTIFICIAL INTELLIGENCE**  
**IN THE TEACHING OF**  
**FOREIGN LANGUAGES**  
**IN PRIMARY SCHOOLS IN PODGORICA**

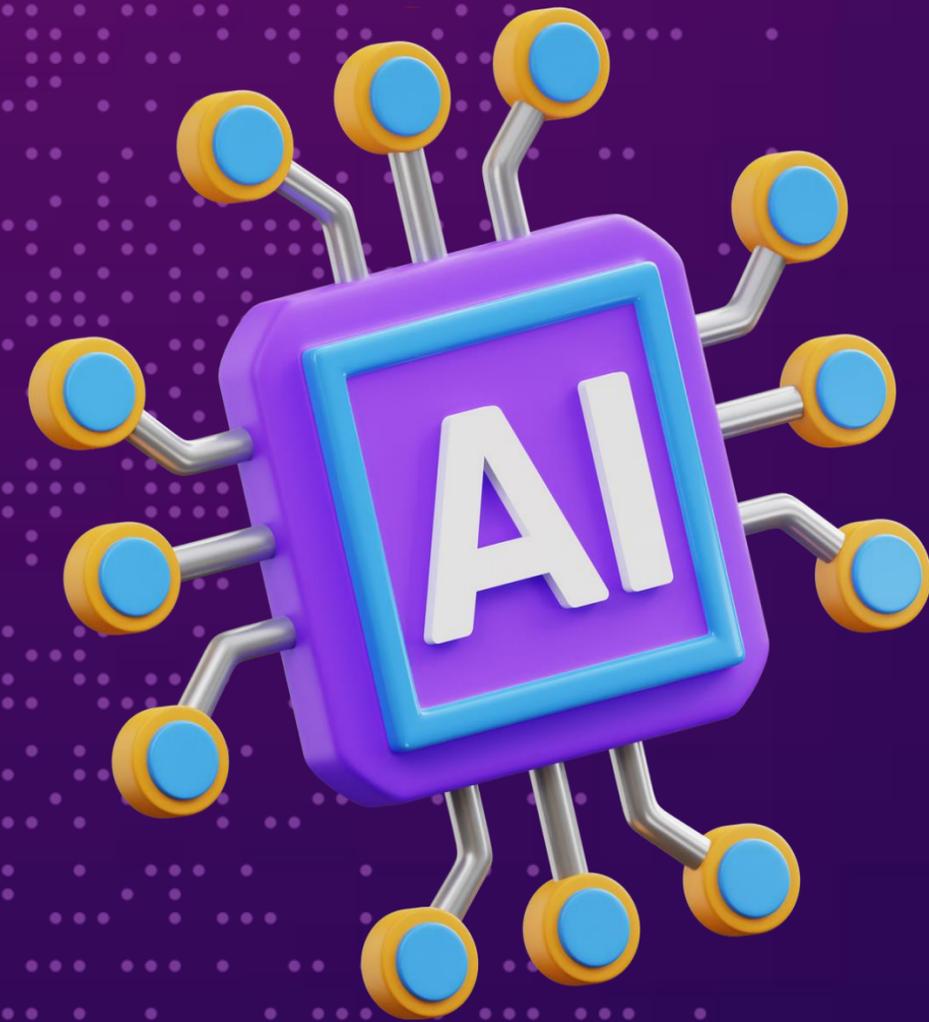
**OLIVIJA DRINCIC, STAMPAR MAKARIJE**  
**ZUHAL GUVENER, UNITED KIDS MONTENEGRO**  
**FLORENCE, JUNE 2025**

# OBJECTIVES



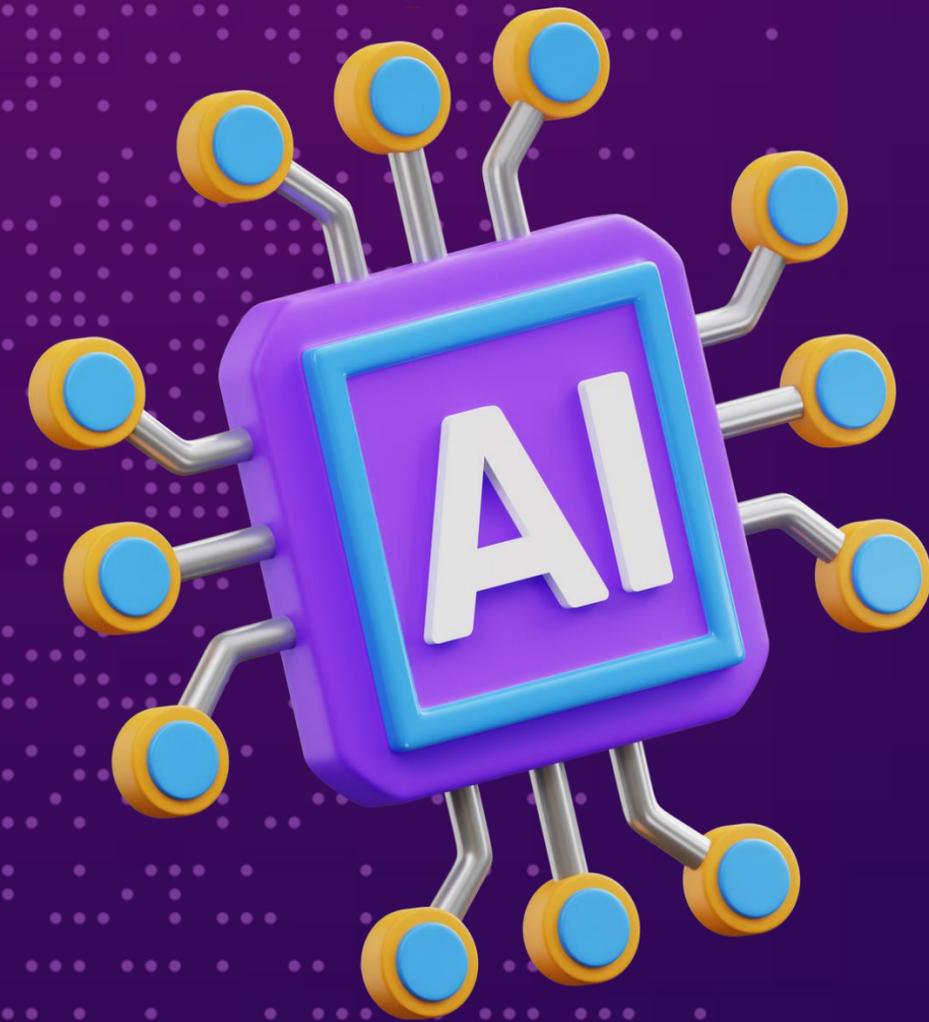
- 1 To present the current level of AI preparedness among primary school teachers in Podgorica
- 2 To identify the main challenges in adopting AI in language teaching
- 3 To discuss the overview of results

# CONTENTS



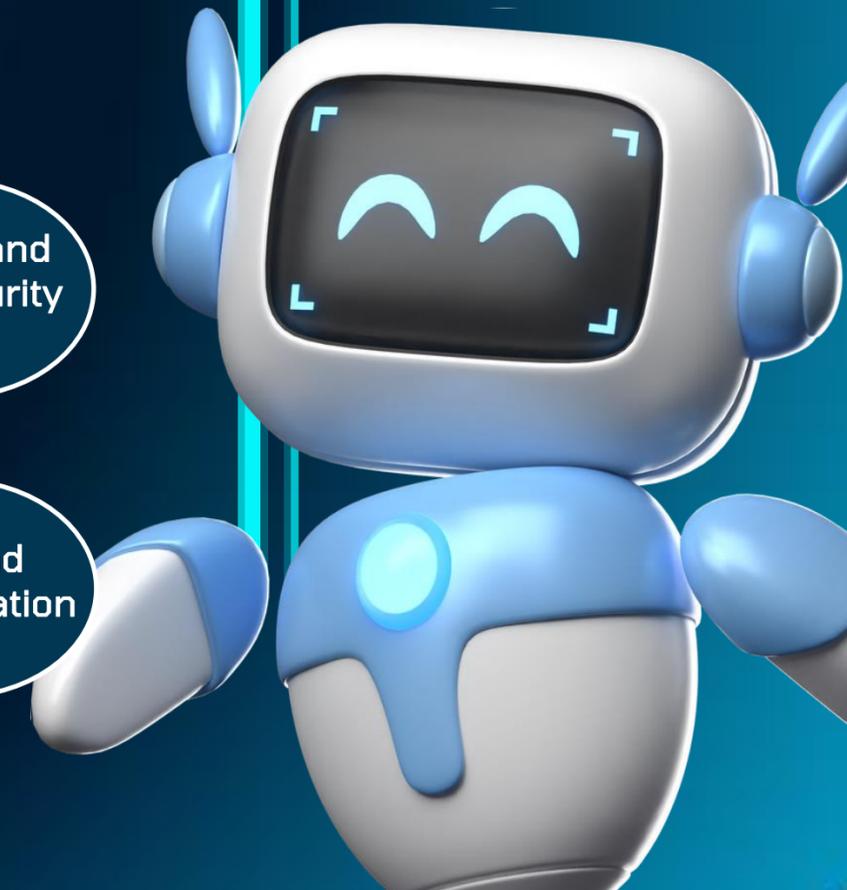
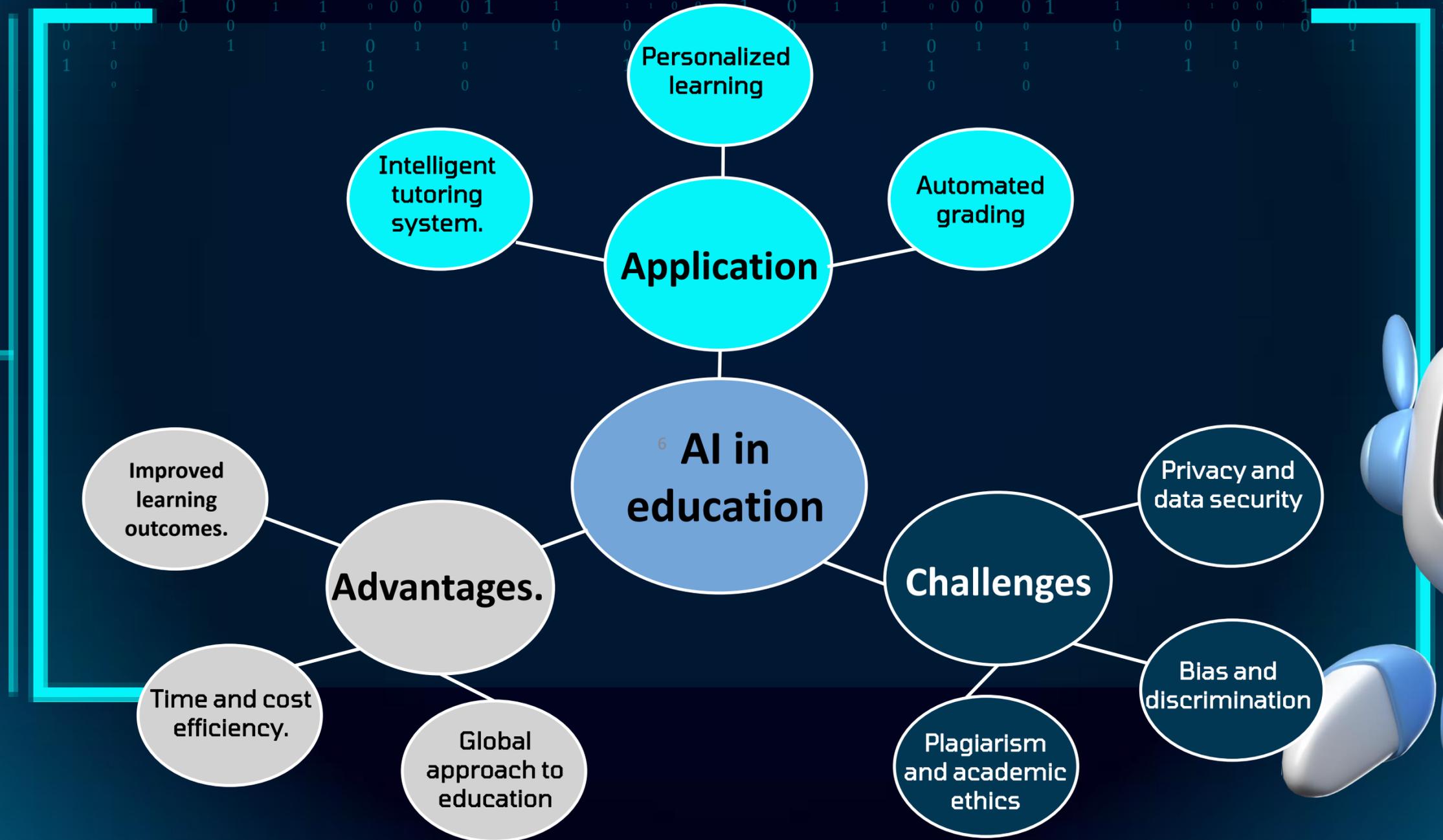
- 1 Brief background on the use of AI in Education
- 2 Methodology of the Research
- 3 Overview of Results
- 4 Discussion
- 5 Q&A

# INTRODUCTION



- 1 The impact of AI on all areas of our lives
- 2 The latest achievements in the field of AI
- 3 The increasing use and potential misuse by students
- 4 Ongoing discussions among teachers about the pros and cons of AI in education
- 5 Ethical concerns

# POSSIBILITIES AND CHALLENGES OF AI



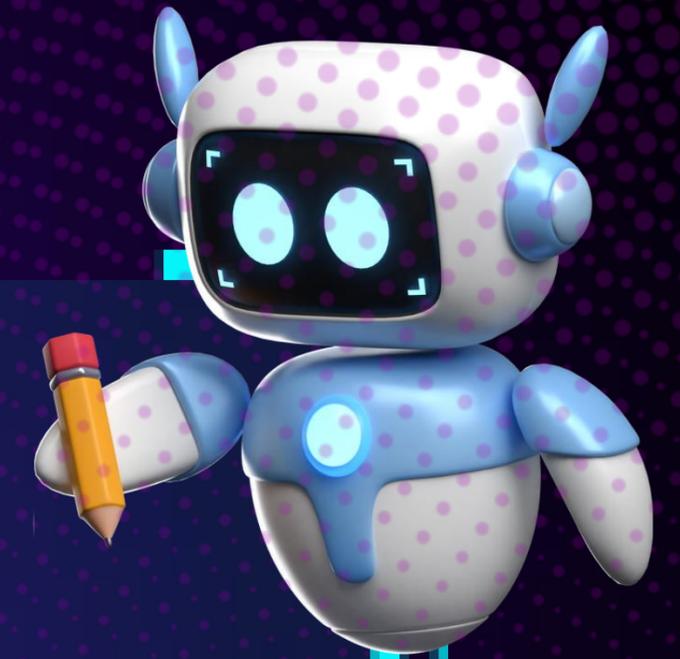
# RESEARCH QUESTIONS

WHAT ARE TEACHERS'  
PERCEPTIONS OF AI USE  
IN  
FOREIGN LANGUAGE CLASSES?

HOW DO THEY APPROACH AI  
IN THE CLASSROOM?

TO WHAT EXTENT IS AI APPLIED  
IN PRIMARY SCHOOLS?

# RESEARCH METHODOLOGY



Sample: 64 foreign language teachers



Method: descriptive and qualitative

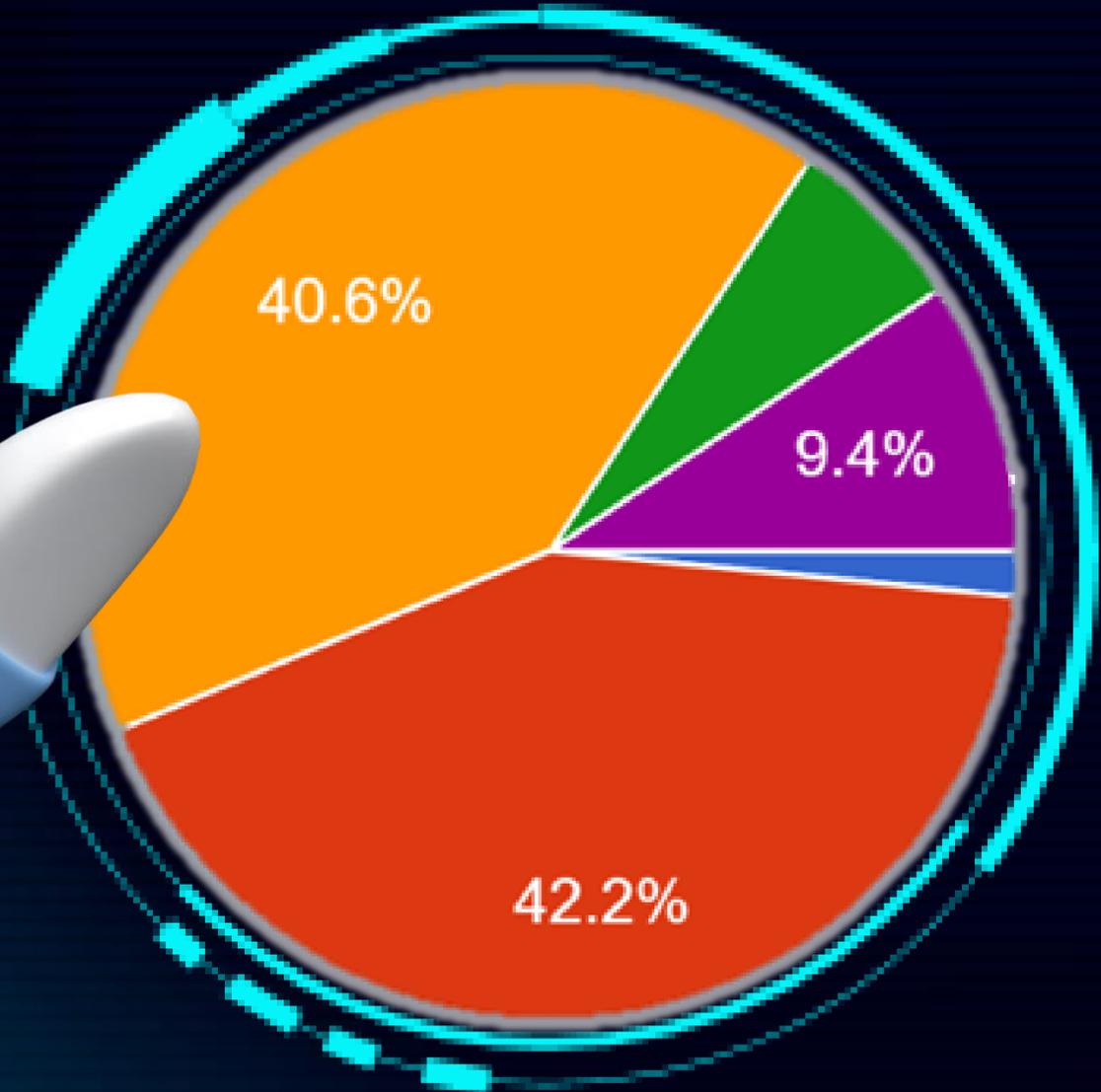
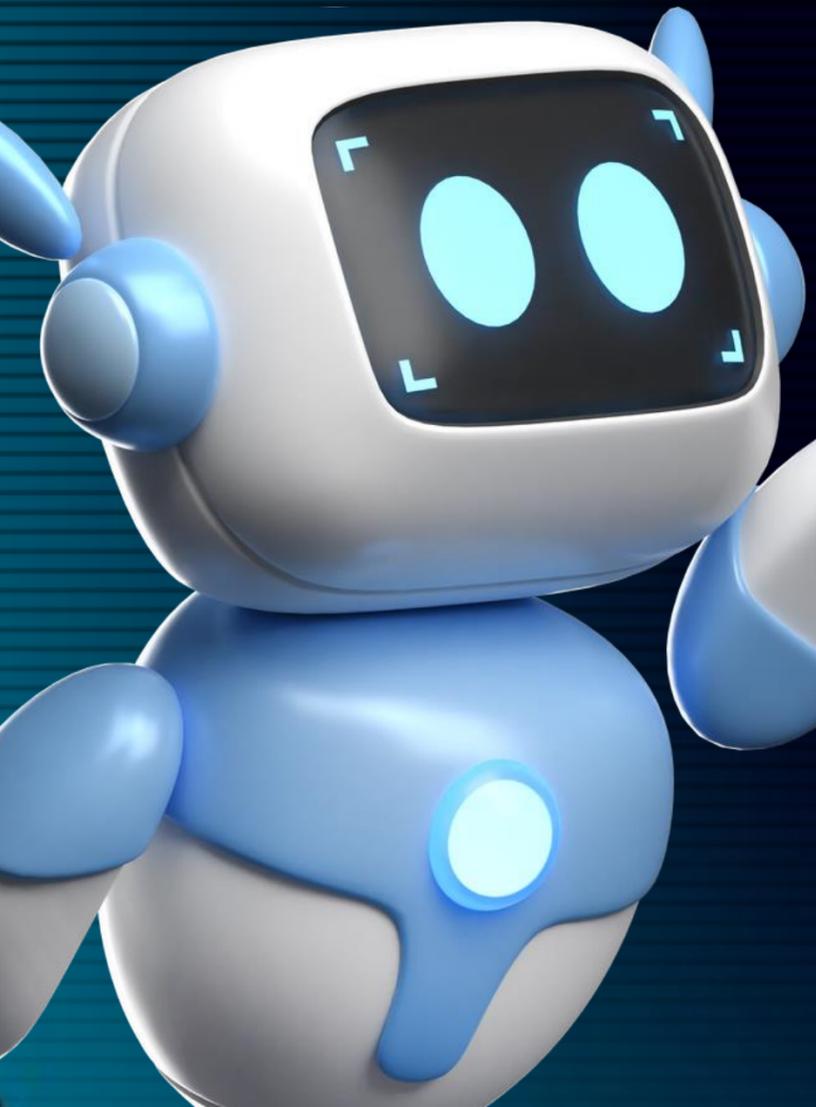


Tool: online questionnaire



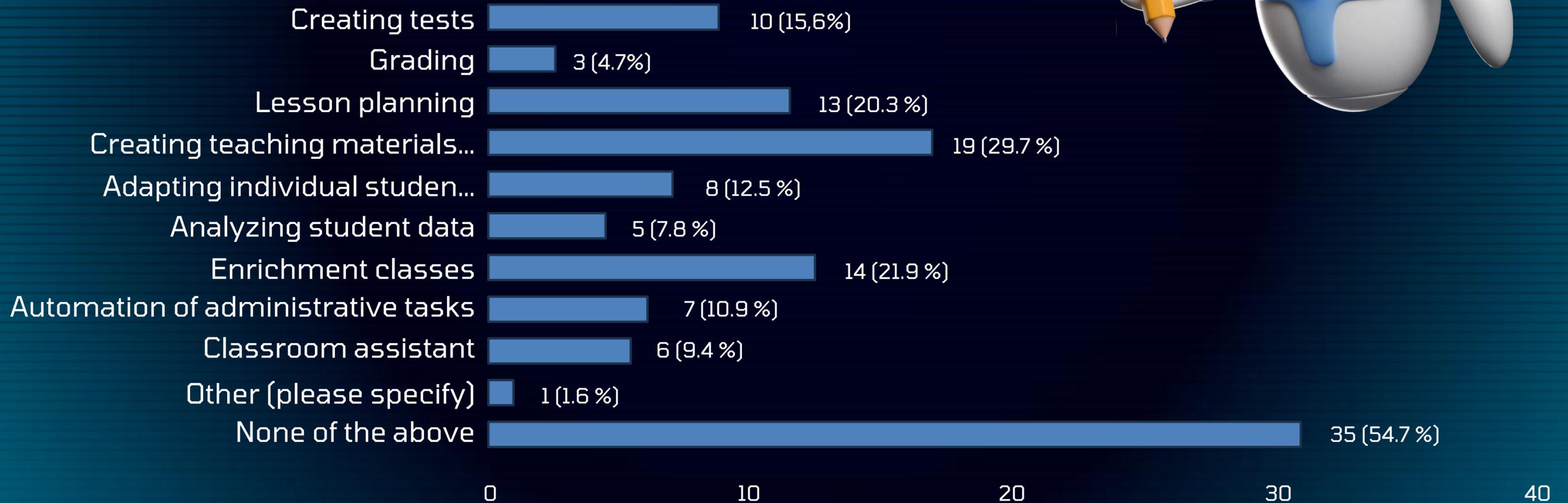
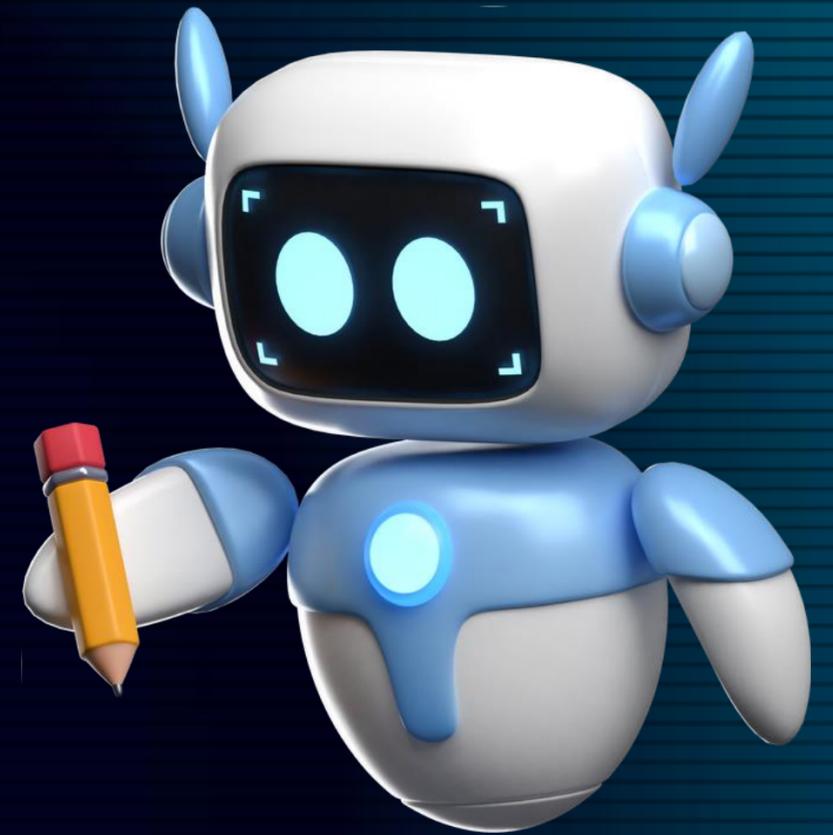
Conducted: June 2024

# KNOWLEDGE OF AI

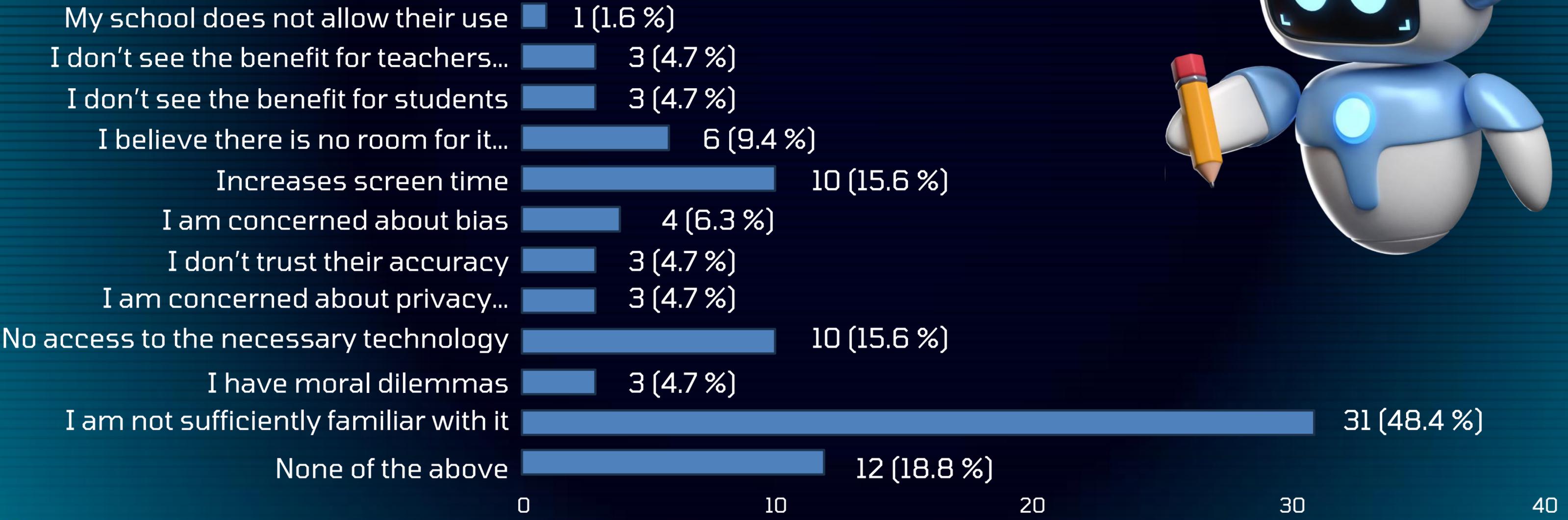
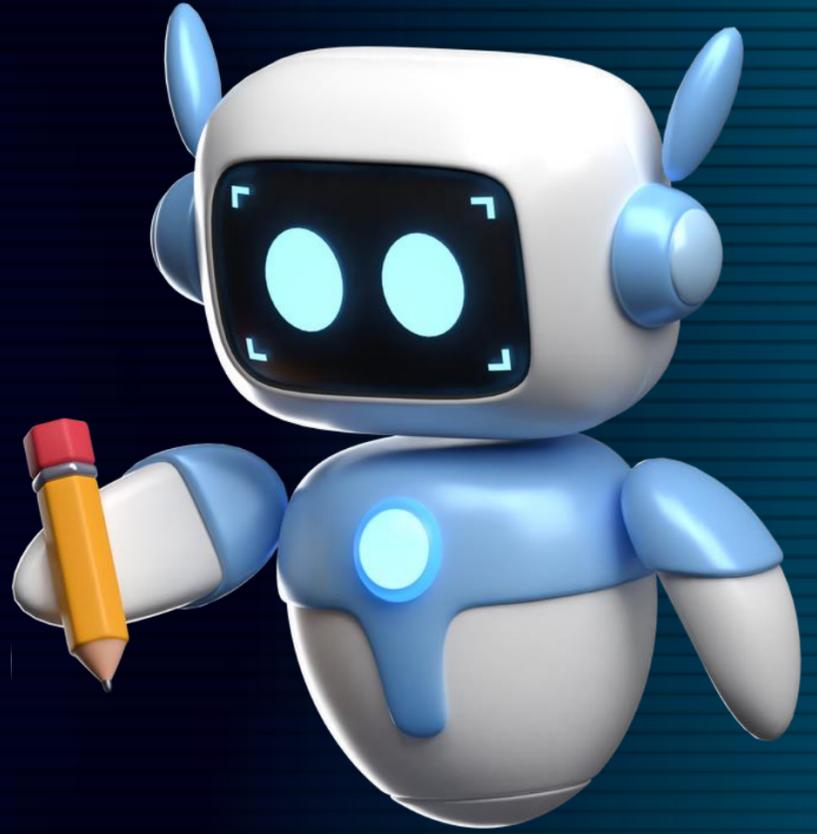


-  I am fully informed
-  I am informed
-  I have only heard the term AI
-  It is completely unknown to me
-  I am not informed

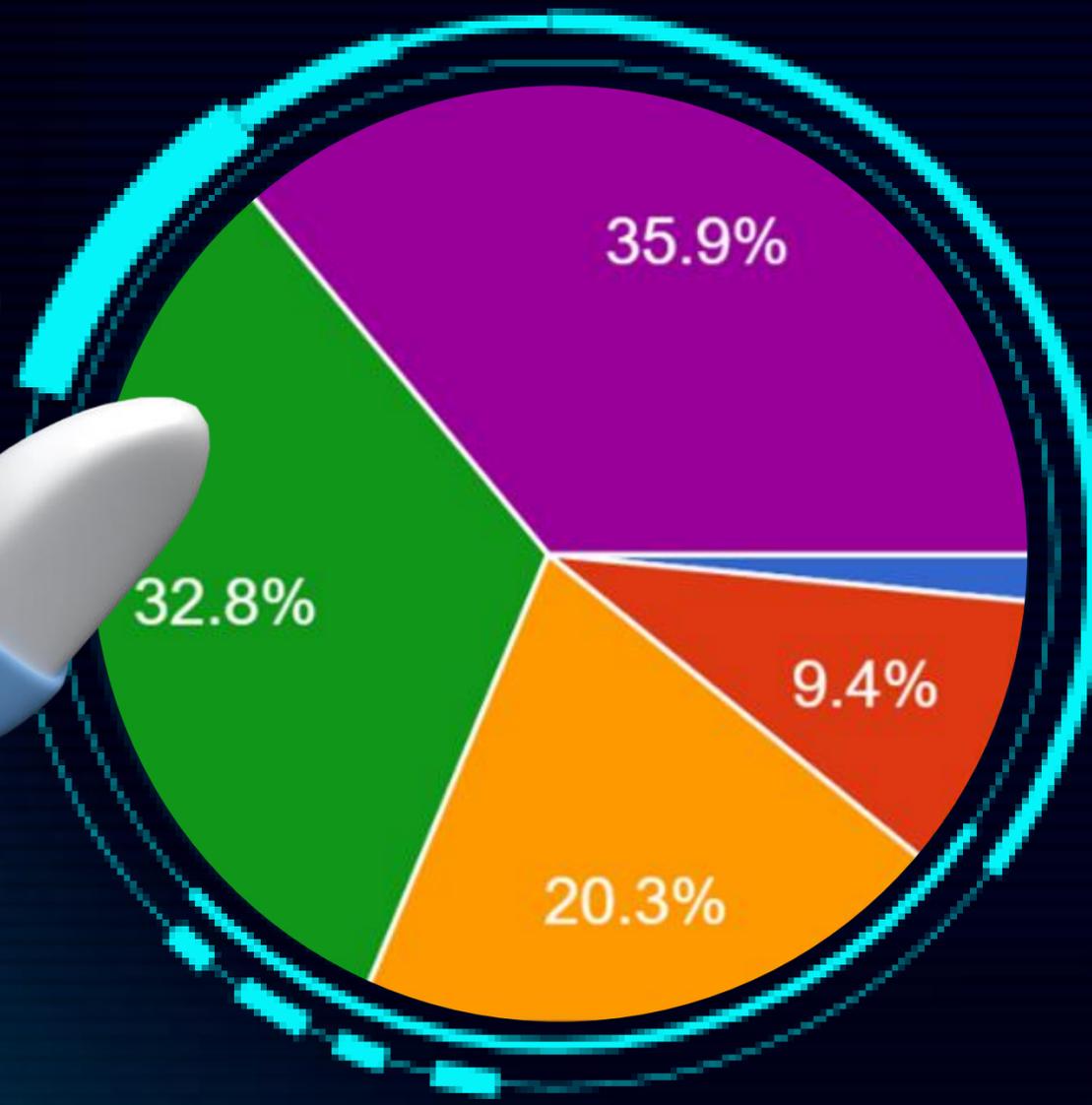
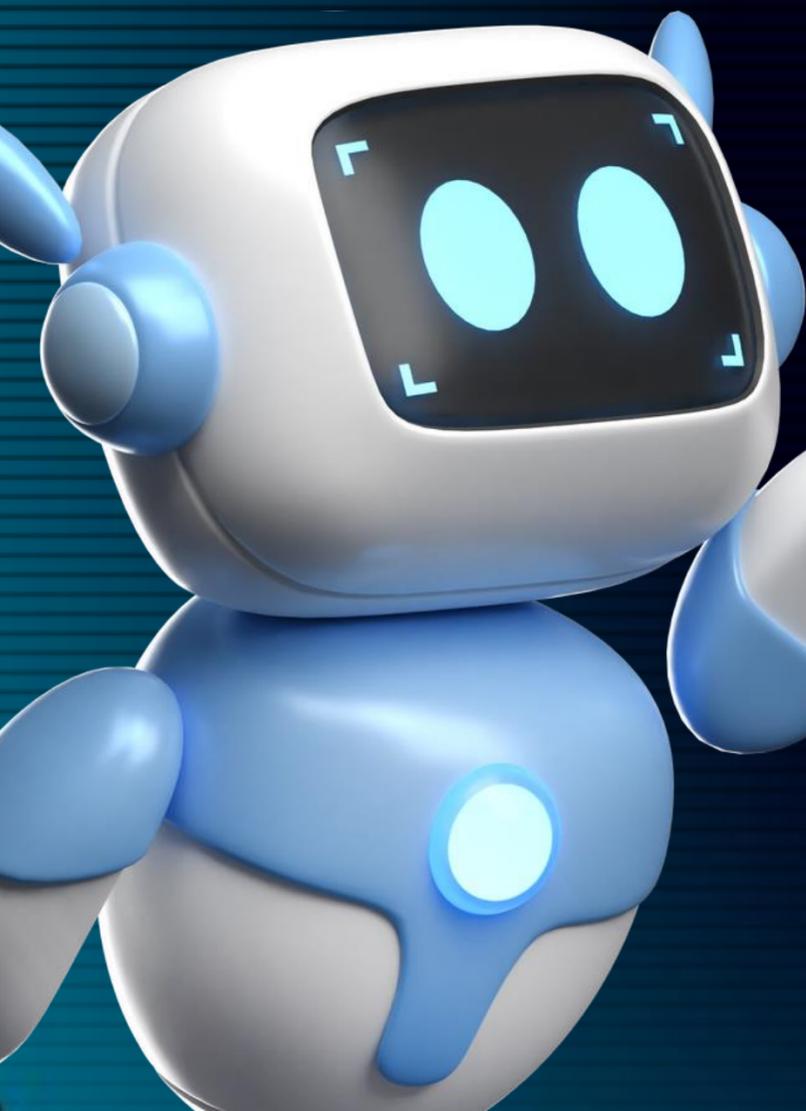
# USE OF AI TOOLS



# REASONS FOR NOT USING ARTIFICIAL INTELLIGENCE TOOLS

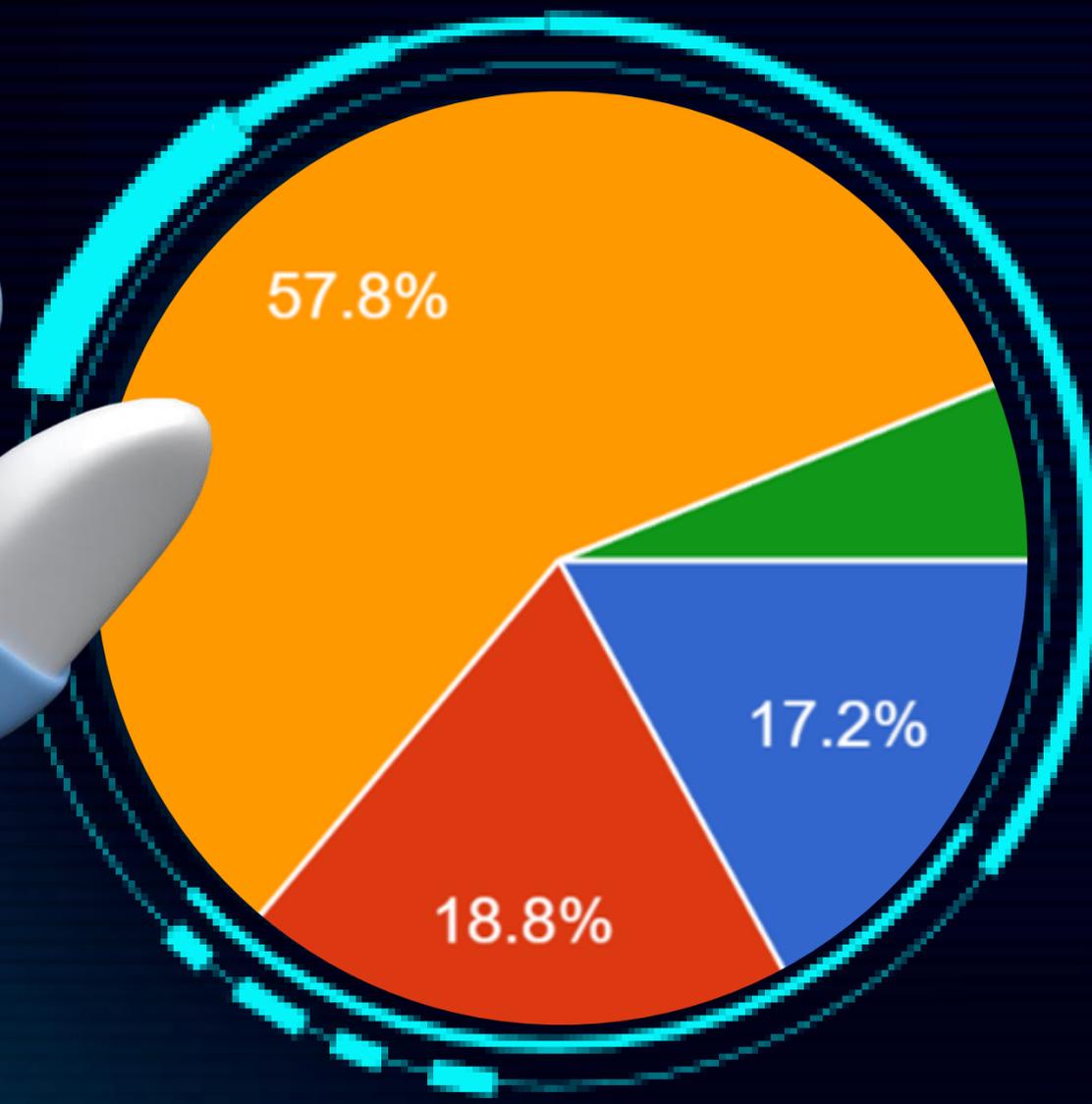


# TEACHERS' OPINION ON THEIR TRAINING FOR USING GENERATIVE AI TOOLS IN THE CLASSROOM



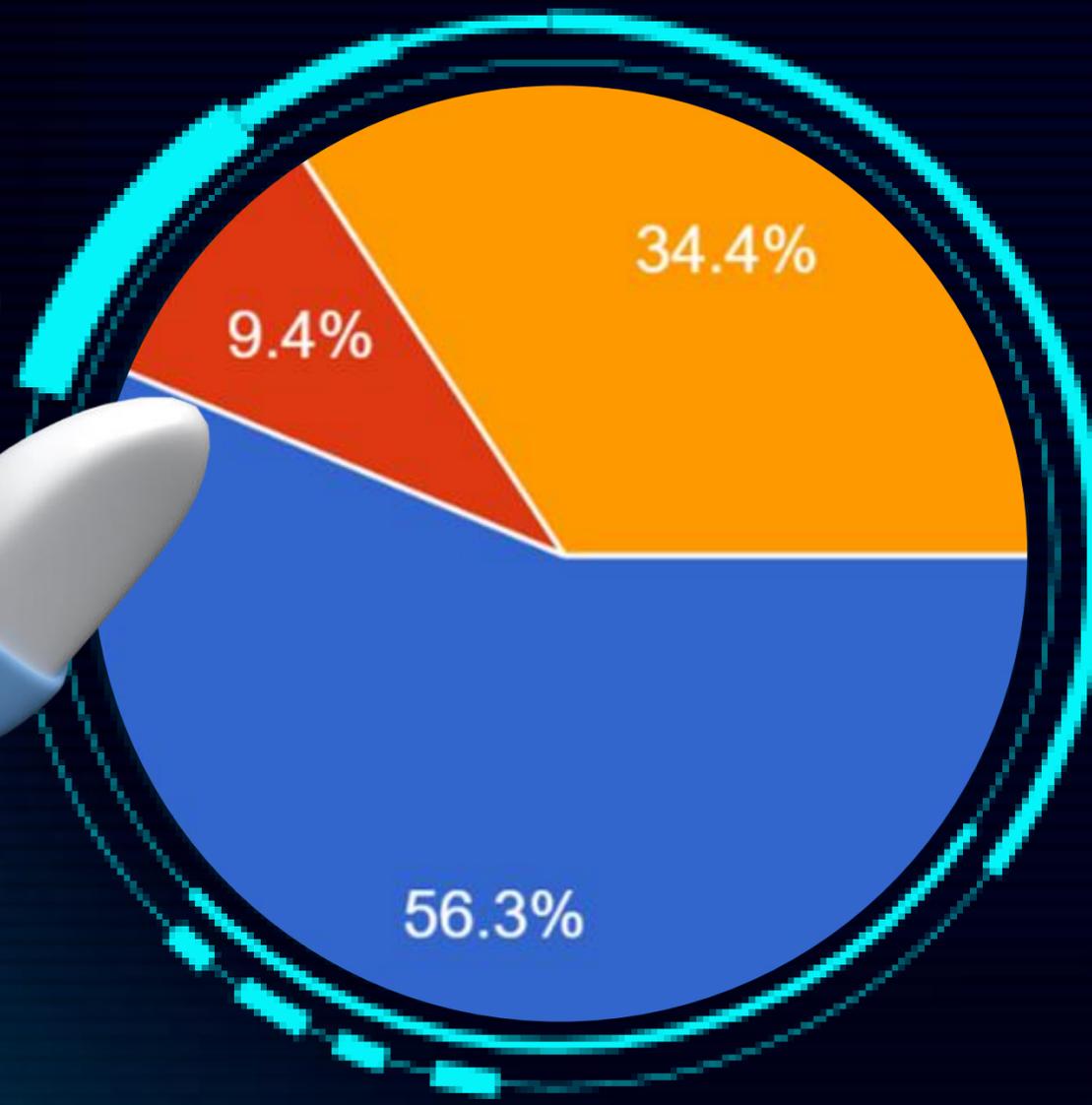
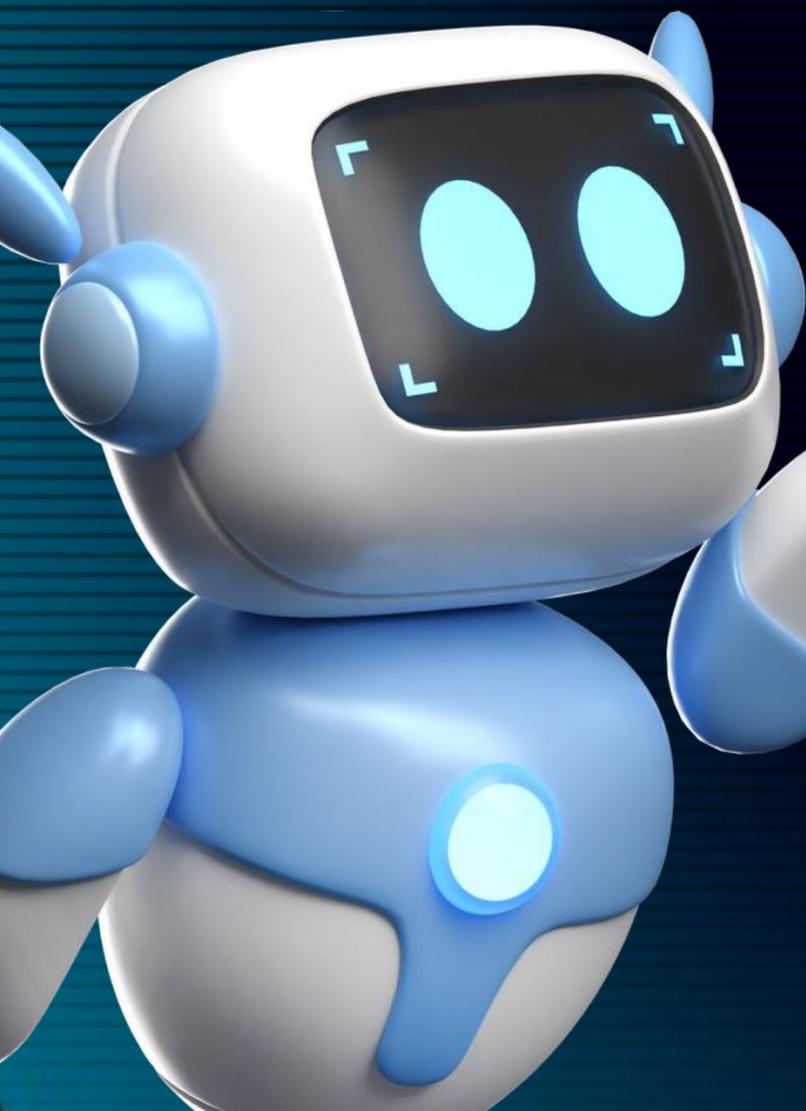
-  I am very well trained
-  I am trained
-  I am partially trained
-  I am insufficiently trained
-  I am not trained at all

# SUPPORT IN IMPLEMENTING GENERATIVE AI TOOLS



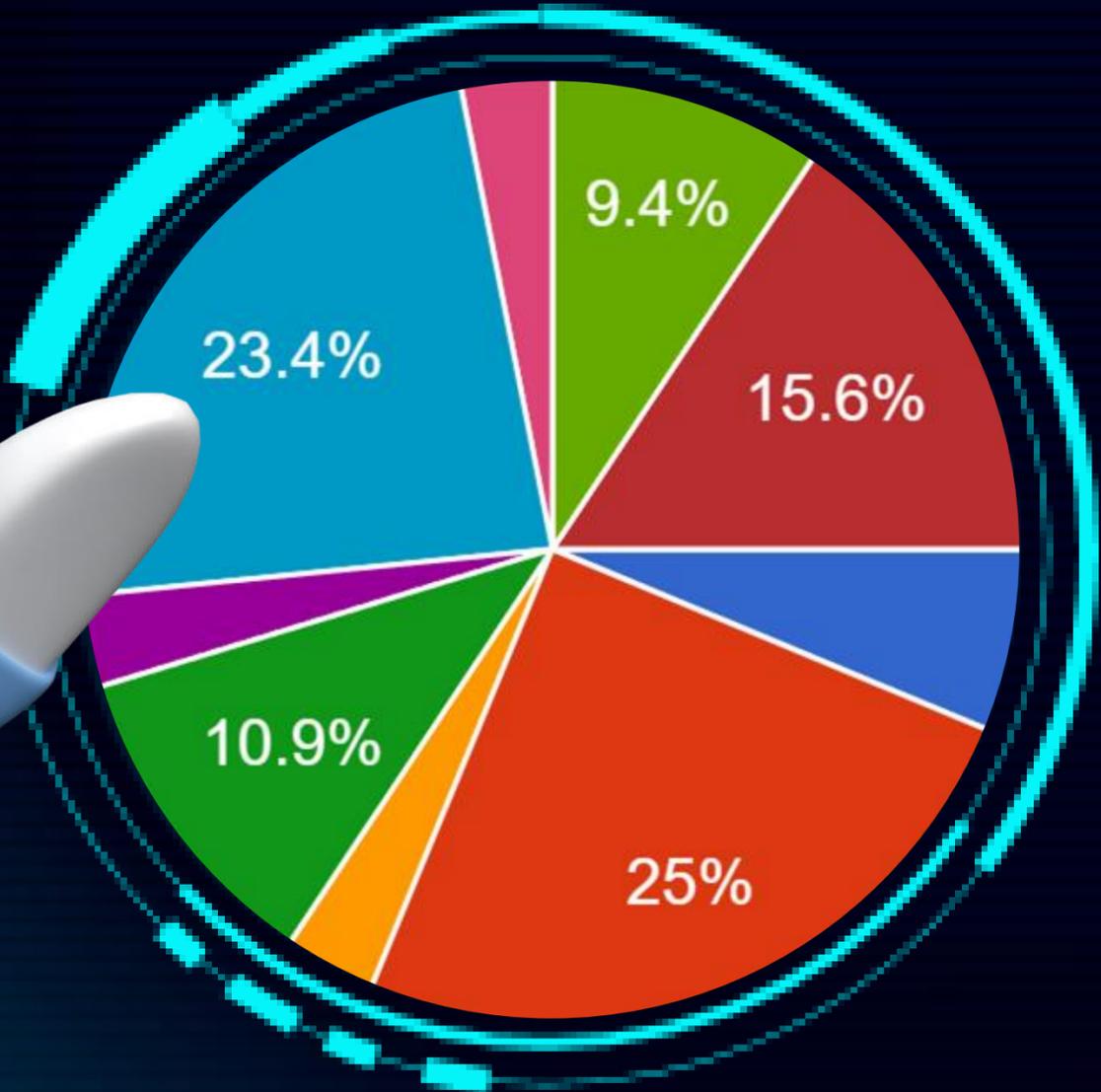
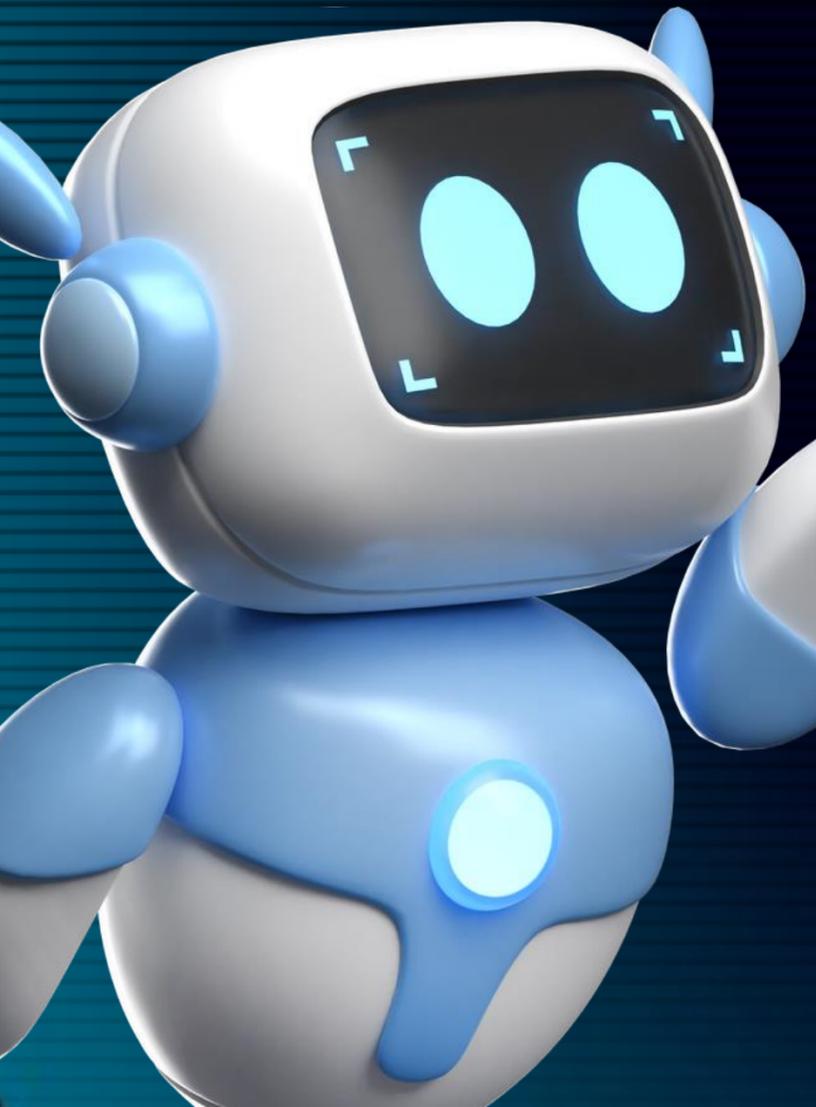
- Better integration of AI tools with current systems
- Better tailored AI tools
- Better technical support
- Other (please specify)

# TEACHERS' ATTITUDES TOWARD THE USE OF GENERATIVE AI TOOLS IN THE CLASSROOM IN THE FUTURE



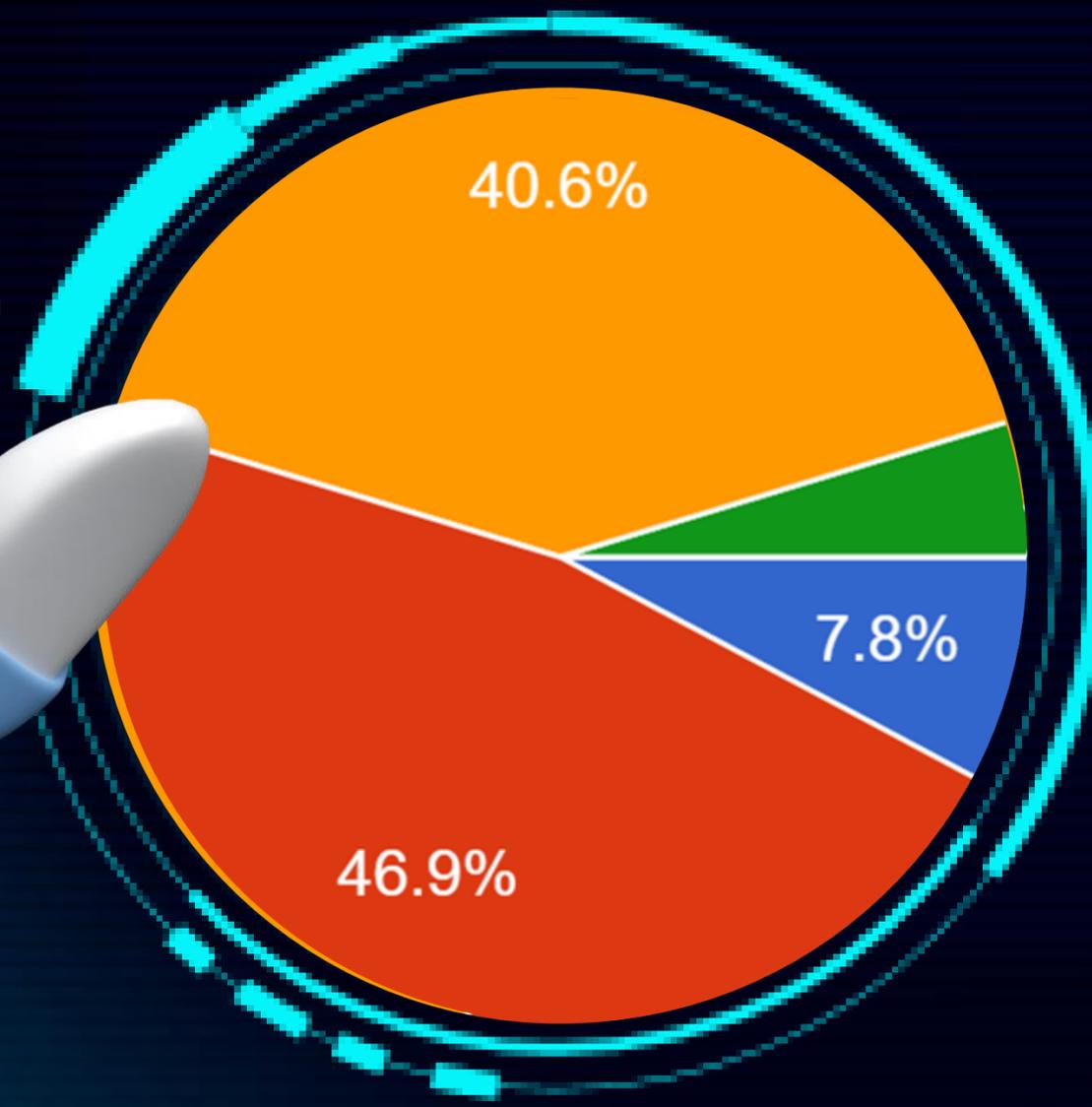
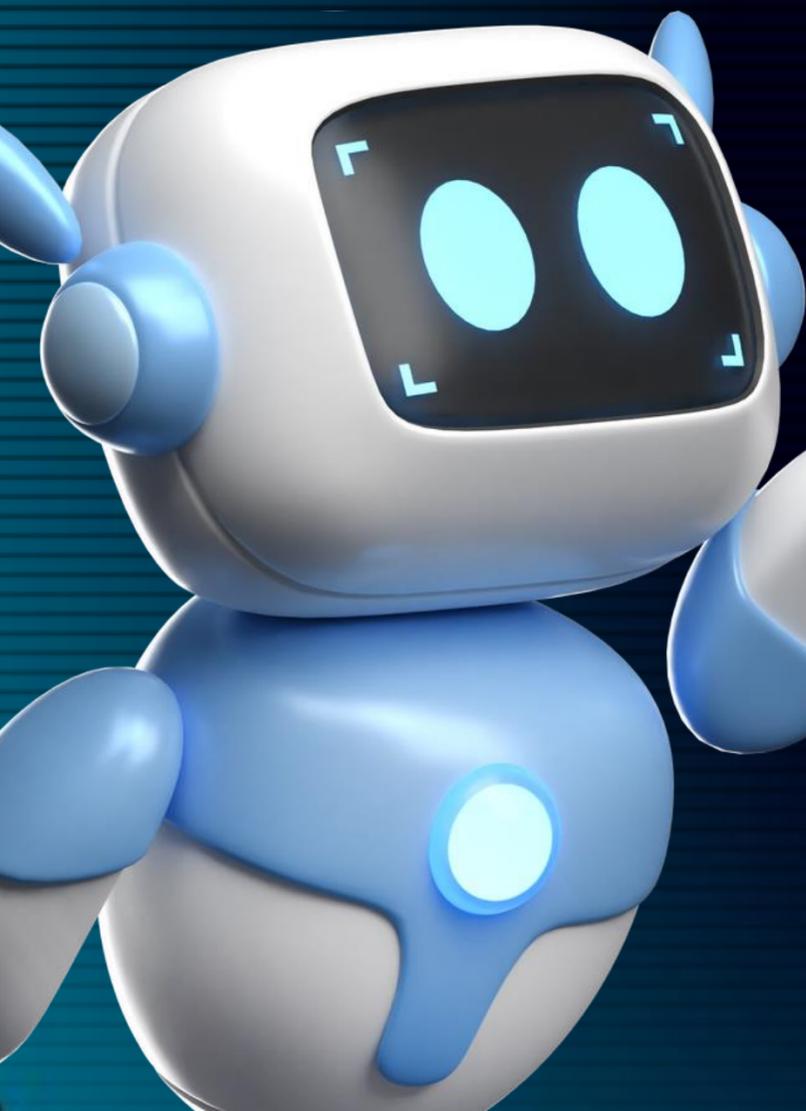
- Yes
- No
- I am not sure

# ACTIVITIES IN WHICH TEACHERS PLAN TO USE GENERATIVE AI TOOLS



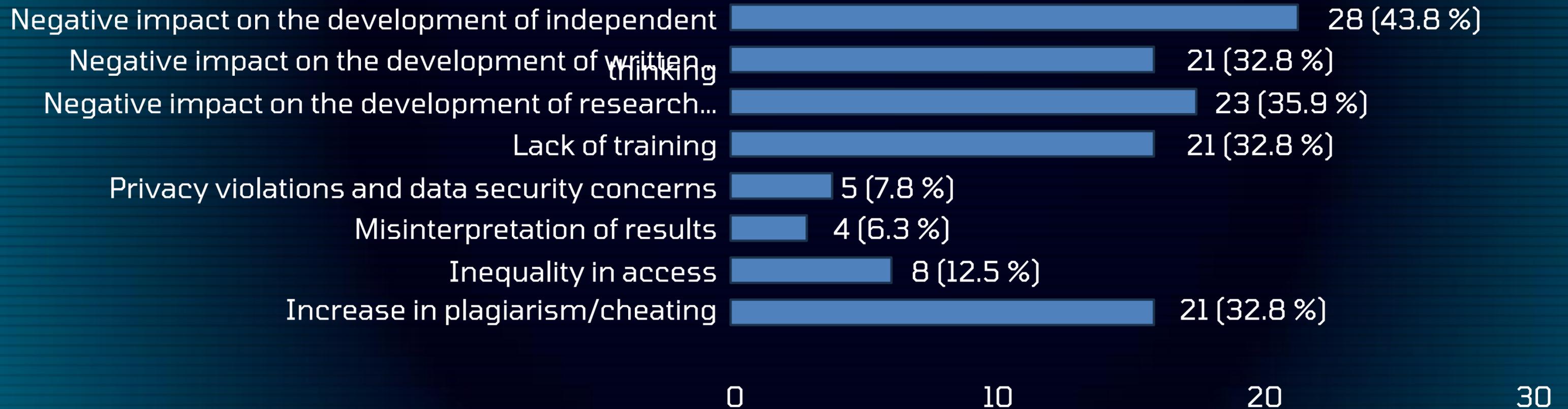
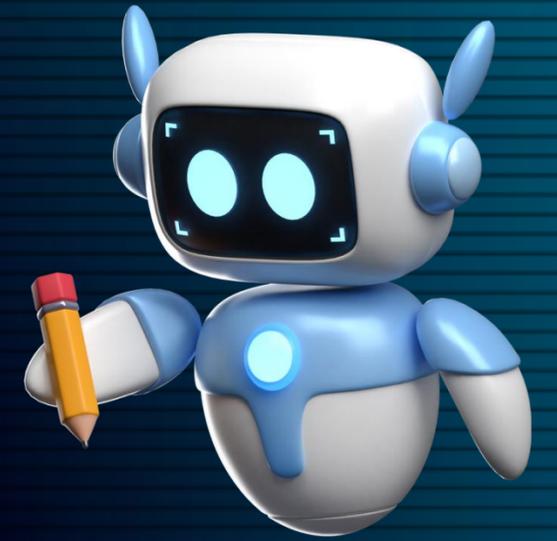
- Lesson planning
- Creating teaching materials, including...
- Analysis of student data
- Monitoring student progress
- Grading
- Enrichment classes
- Automation of administrative tasks
- Classroom assistance
- I am not sure
- Other (please specify)

# HOW HAS THE USE OF GENERATIVE AI TOOLS IMPACTED CLASSROOM WORK SO FAR, AND HOW DO YOU EXPECT IT TO AFFECT IT IN THE FUTURE?

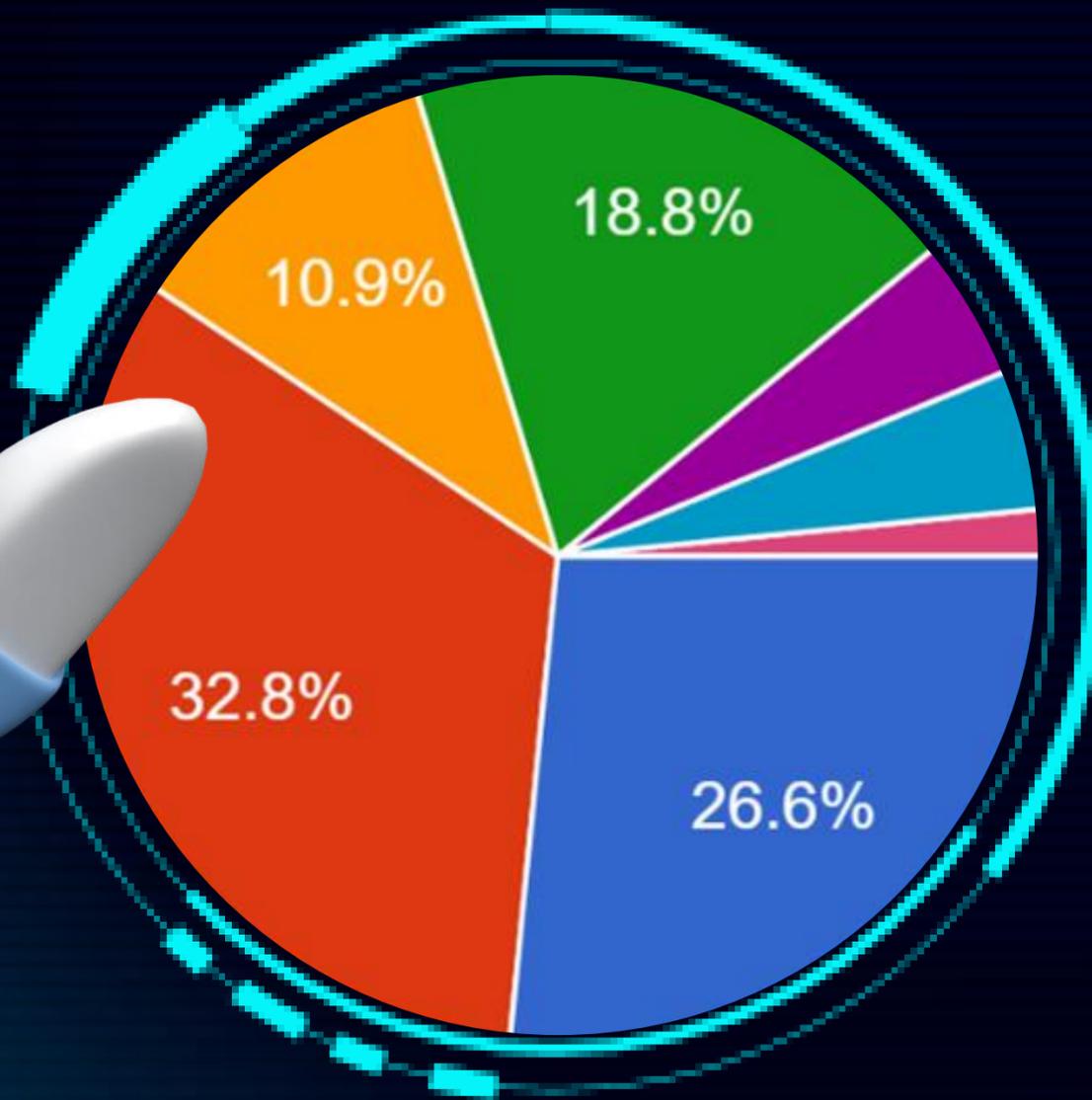
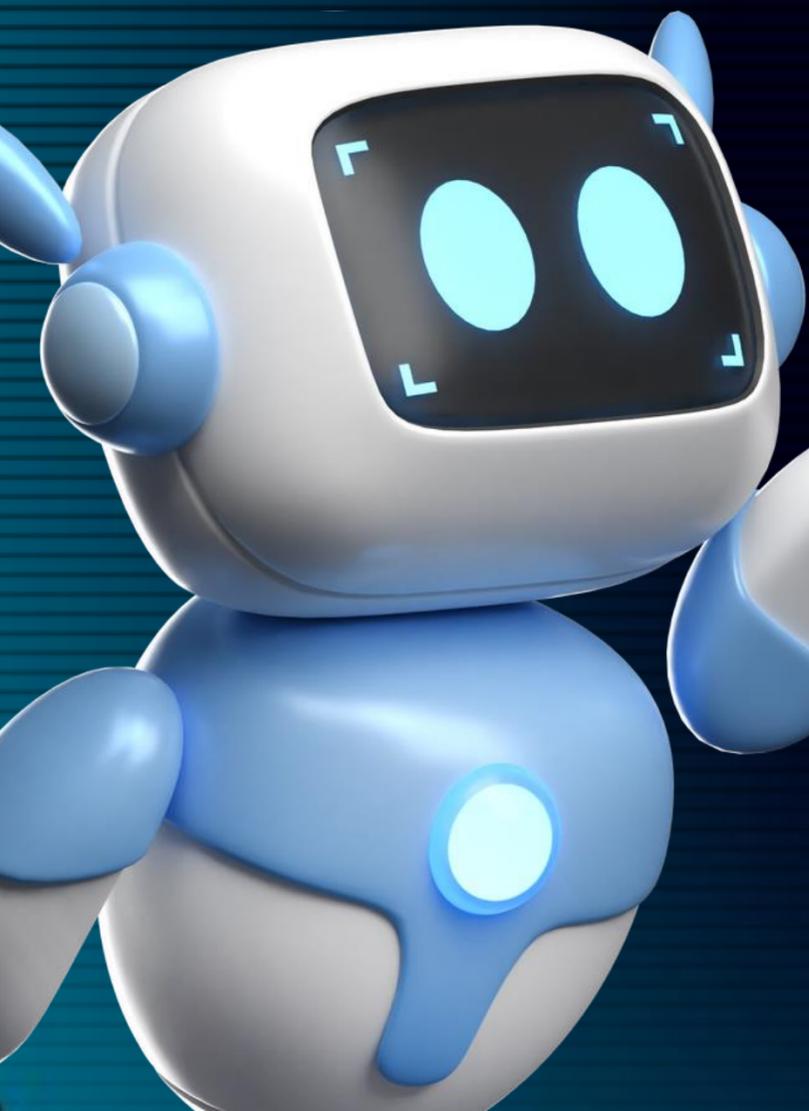


- Much easier
- Somewhat easier
- Neither easier nor harder
- Somewhat harder
- Much harder

# POTENTIAL OUTCOMES OF USING GENERATIVE AI TOOLS IN WORKING WITH STUDENTS

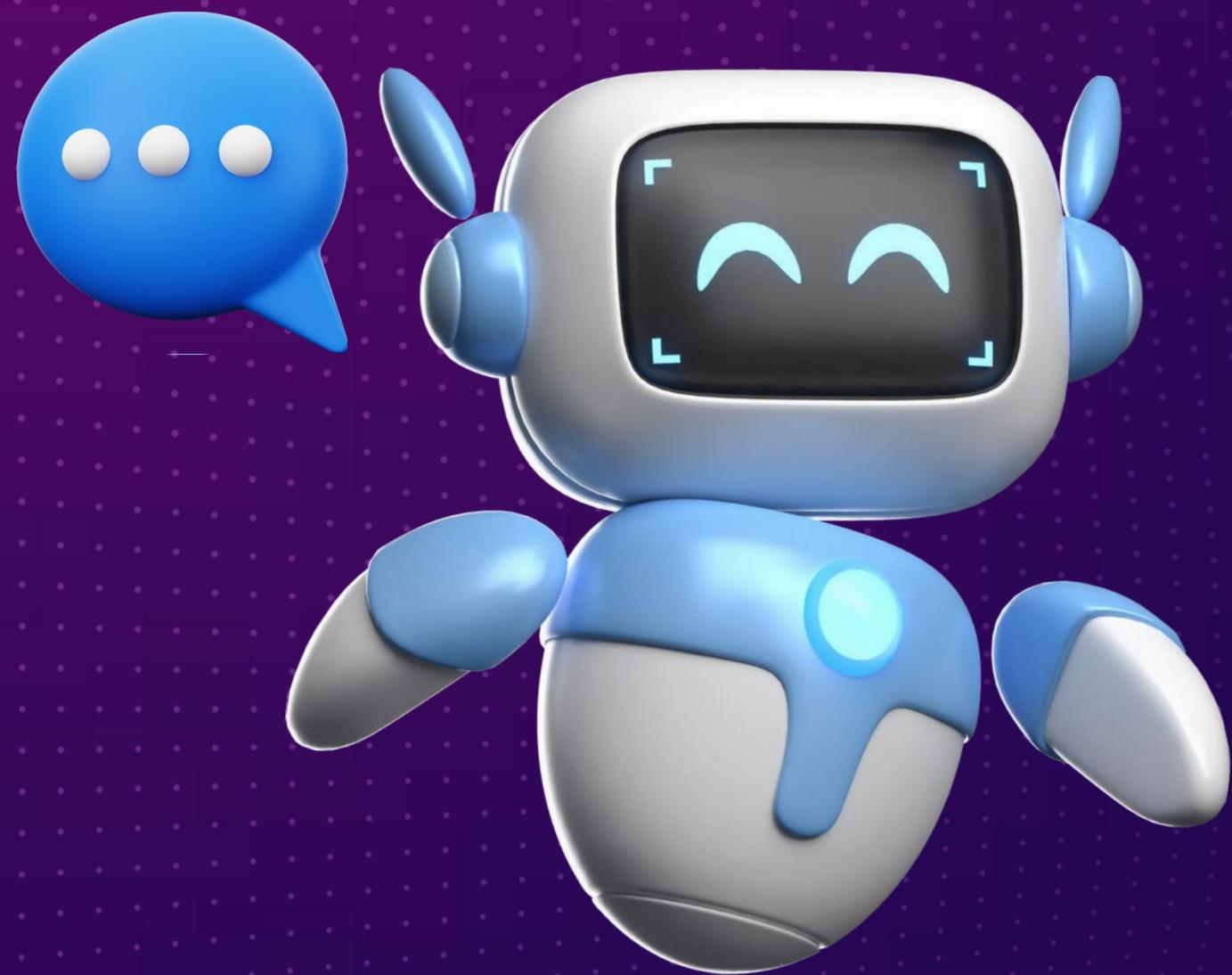


# PARENTAL AND COMMUNITY CONCERNS REGARDING THE USE OF GENERATIVE AI TOOLS



- Cheating
- Lack of engagement in school tasks
- Safety
- Data privacy
- Bias
- Equality
- Other (please specify)

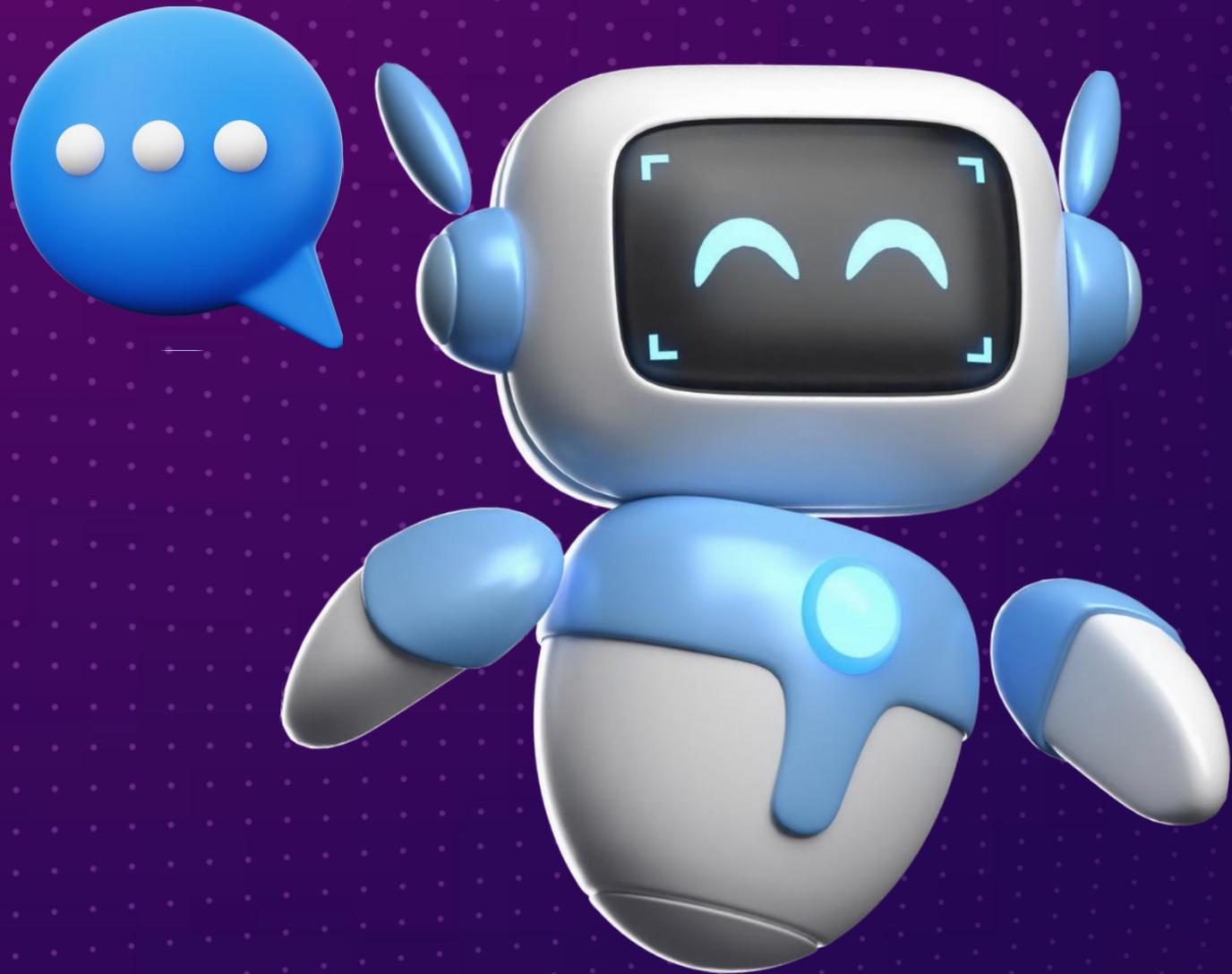
# CURRENT SITUATION



MOST PRIMARY SCHOOL TEACHERS IN PODGORICA ARE NOT FAMILIAR WITH THE POSSIBILITIES AND LIMITATIONS OF GENERATIVE AI TOOLS.

LACK OF TRAINING AND INSTITUTIONAL SUPPORT HINDERS THEIR IMPLEMENTATION.

# MAIN CHALLENGES

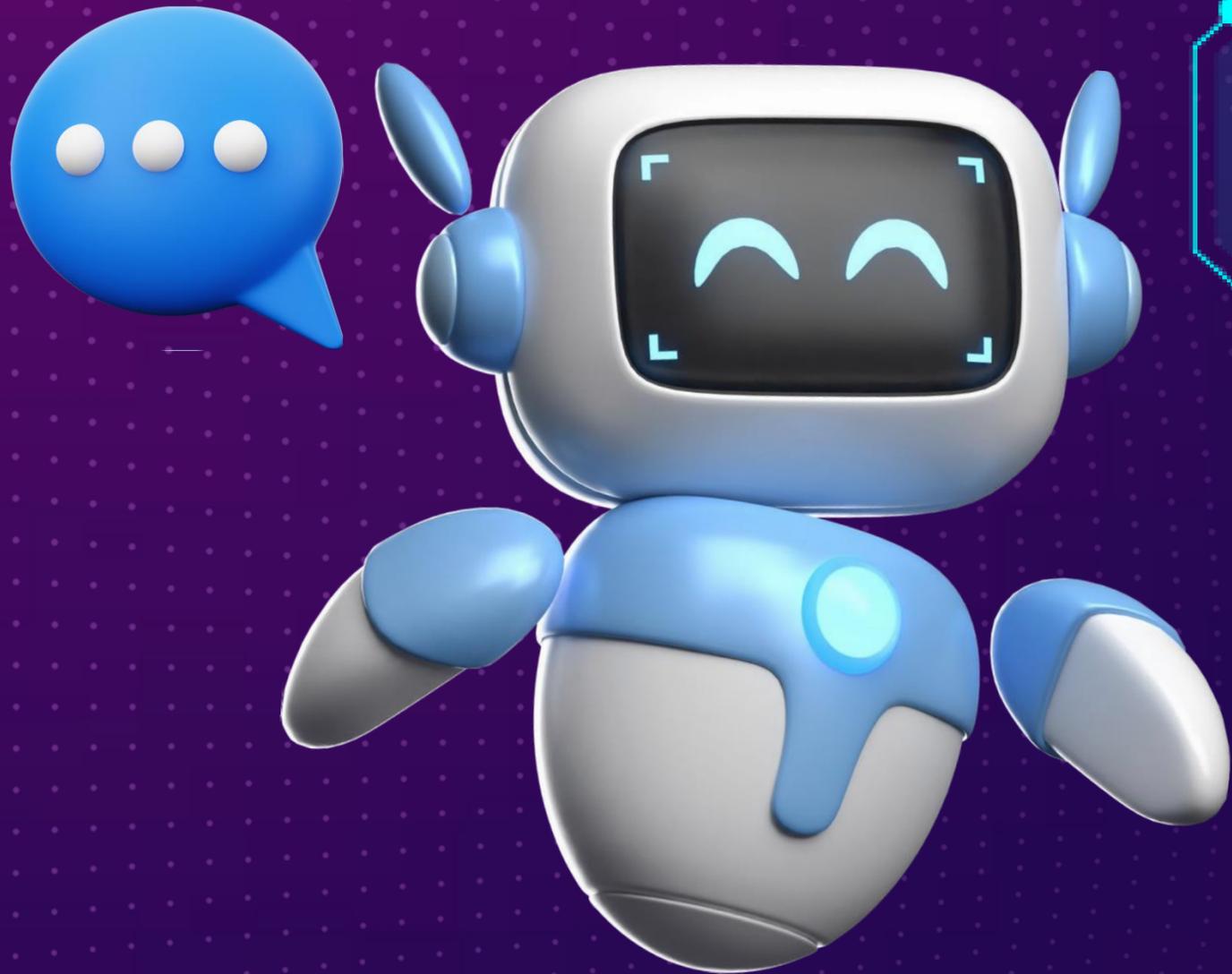


ETHICS AND DATA PROTECTION

TEACHERS'  
TECHNICAL UNPREPAREDNESS.

UNEQUAL ACCESS  
TO TOOLS AMONG SCHOOLS.

# POTENTIAL OF AI TOOLS



AN OPPORTUNITY TO IMPROVE  
THE QUALITY OF TEACHING  
AND FACILITATE THE TEACHING PROCESS.

# RECOMMENDATIONS

1

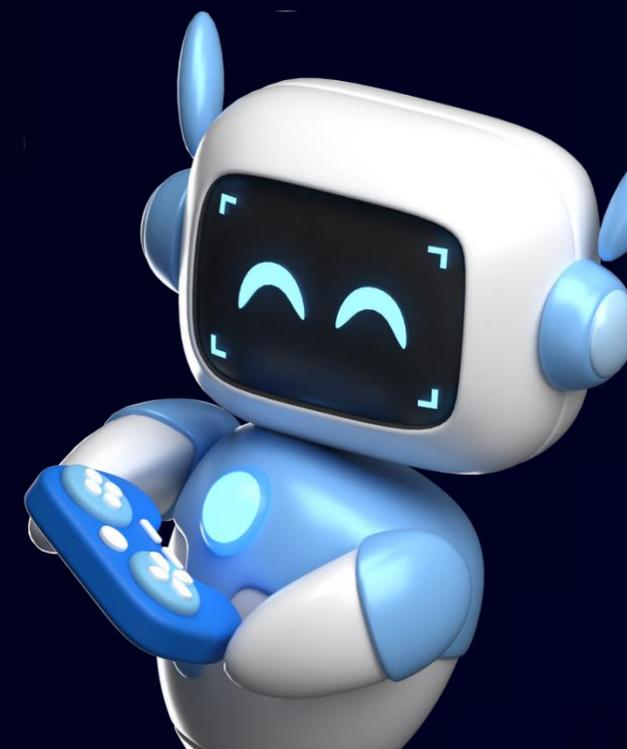
2

3

4

5

6



# RECOMMENDATIONS

1

ORGANIZE TRAINING FOR THE USE OF AI TOOLS IN TEACHING AT THE NATIONAL LEVEL.

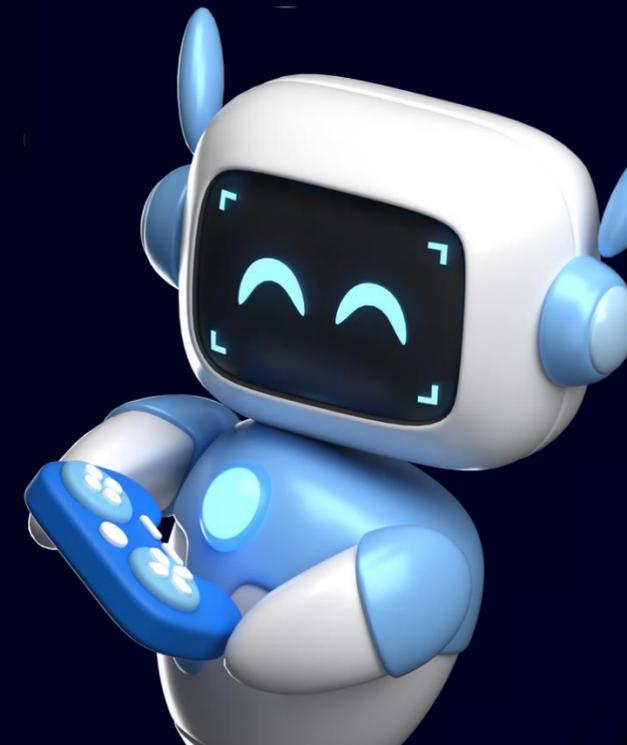
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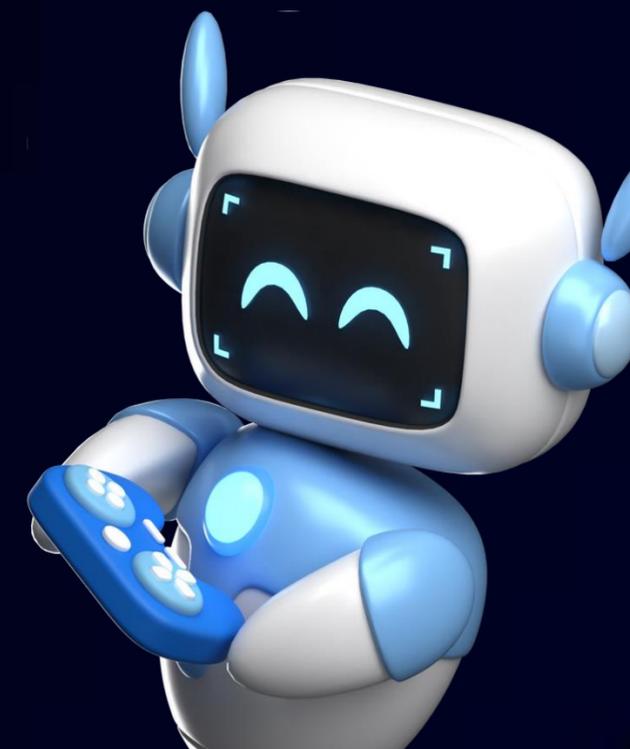
CONDUCT A STUDY SIMILAR TO THIS ONE ACROSS THE ENTIRE TERRITORY OF MONTENEGRO, INCLUDING PRIMARY SCHOOLS, SECONDARY SCHOOLS, AND UNIVERSITIES.

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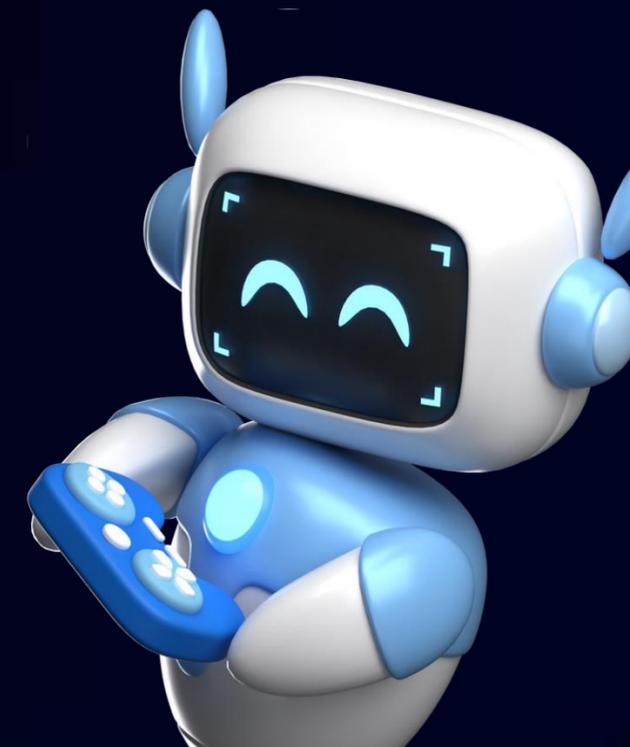
3

ENACT LEGISLATION THAT REGULATES THE ETHICAL AND SAFE USE OF AI TOOLS IN ACCORDANCE WITH THE GOALS AND VALUES OF OUR EDUCATIONAL SYSTEM.

4

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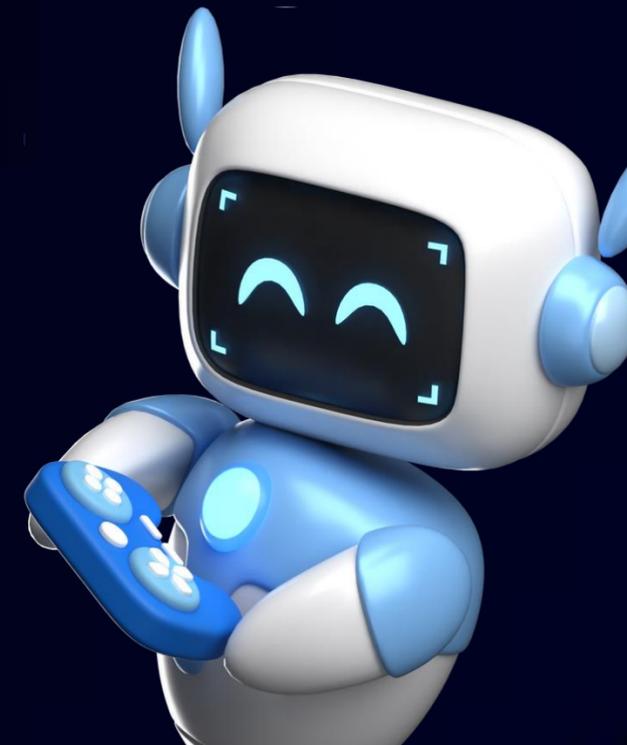
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4

ENSURE THE PRIVACY OF STUDENT AND TEACHER DATA.

5

6



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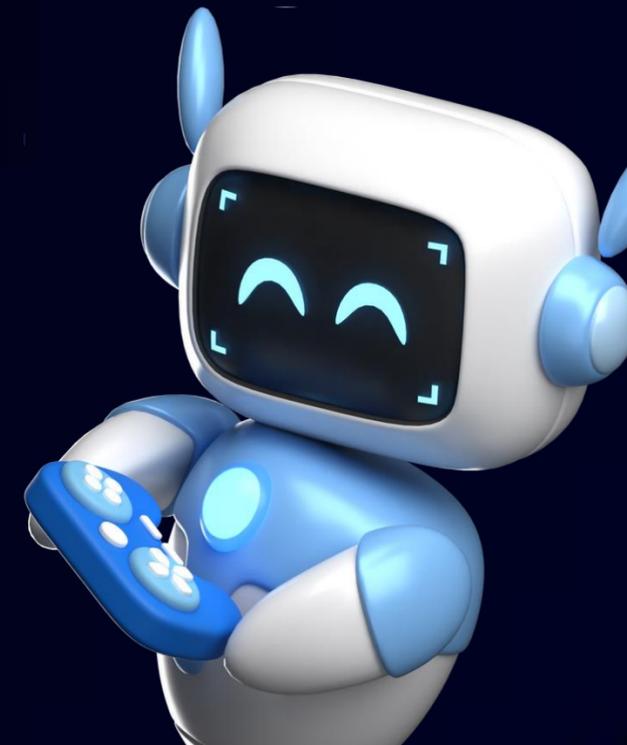
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PROVIDE TECHNOLOGICAL INFRASTRUCTURE AND EQUAL ACCESS TO ALL SCHOOLS.

6



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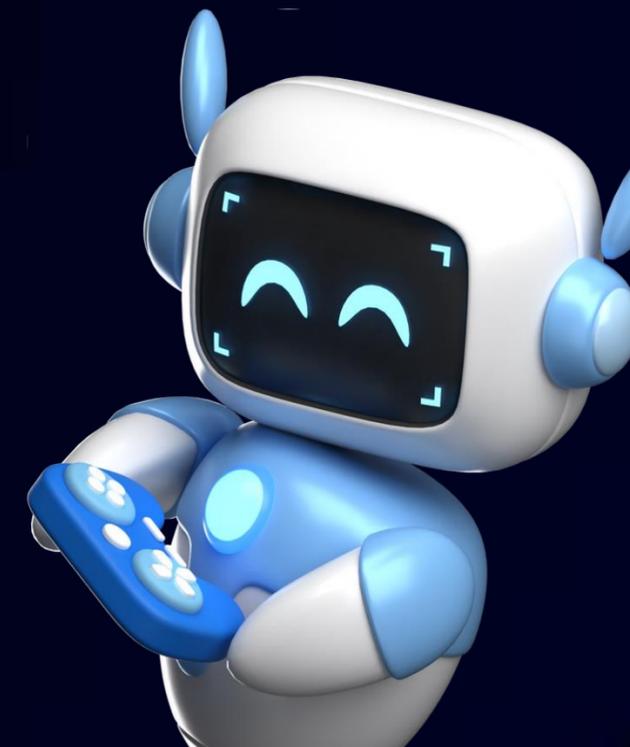
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6

ESTABLISH REGULAR MONITORING AND EVALUATION OF THE EFFECTS OF AI TOOL USE IN THE EDUCATIONAL PROCESS.





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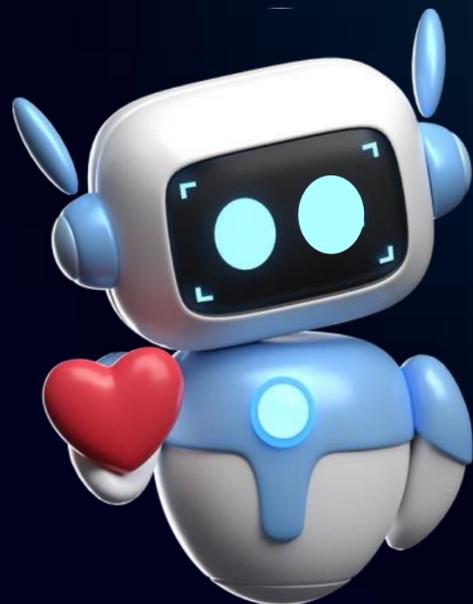
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THANK YOU  
FOR  
YOUR ATTENTION

# REFERENCES



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