Advisory No. **240**, s. 2025
August 20, 2025
In compliance with DepEd Order (DO) No. 8, s. 2013
this advisory is issued not for endorsement per DO 28, s. 2001
but only for the information of DepEd officials,
personnel/staff, as well as the concerned public.
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SURVEY ON THE PERCEPTION OF TEACHERS ON THE USE OF ARTIFICIAL INTELLIGENCE FOR TEACHING AND LEARNING

Relative to the communication from Jester C. Nicodemus of DepEd Schools Division Office of Cavite City, requesting to conduct the research about the **Perception of Teachers on the Use of Artificial Intelligence**, all **teaching personnel** are requested to accomplish the **online survey on or before August 30, 2025** through this link: https://tinyurl.com/DEPEDAIFORTEACHING2.

For questions and clarification, contact **Jester Nicodemus**, EdD of DepEd Division Office of Cavite City through jester.nicodemus@deped.gov.ph.

Enclosed is the copy of the communication and the interview and survey questionnaire for other details.

Dissemination of this advisory is desired.

August 4, 2025,

CELEDONIO B. BALDERAS JR.
Schools Division Superintendent
SDO Tayabas City

Sir,

Greetings!

The undersigned is a Senior Education Program Specialist of DepEd, Division of Cavite City and is currently writing a research paper on Human Resource Development. The title of my study is **"Perceptions of Teachers in the Philippines on the Use of Artificial Intelligence in Teaching and Learning: Basis for Training Intervention"**. The purpose of the study is to explore the perception and lived experiences of public school teachers in terms of the use of Artificial Intelligence (AI) in teaching and learning.
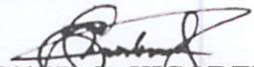
In this regard, may I request your Senior Education Program Specialist in charge of Human Resource Development (SEPS-HRD), or Senior Education Program Specialist in charge of Planning and Research (SEPS-PR), for assistance to distribute the link through a memorandum, if possible, (Please see attached draft memorandum) to all available public school teachers in both elementary and secondary schools to answer the online survey through this link **https://tinyurl.com/DEPEDAIFORTEACHING2**

Please accept my sincerest gratitude in advance for the positive response regarding this request. I shall be indebted for whatever assistance you will extend for the realization of this humble academic endeavor.

Rest assured that every single detail gathered will be treated with strict confidentiality. Thank you and more power. For questions and inquiries, you can also contact me on my mobile number 09163309328 or at my email address jester.nicodemus@deped.gov.ph . Thank you very much and God bless!.
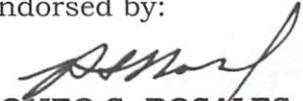
Hoping for your kind consideration on this humble request. Thank you very much and God bless.

Prepared by:

JESTER C. NICODEMUS
SEPS-HRD

SGOD/HRDS   /   JCN   /   JCN

Endorsed by:

ROMEO S. ROSALES, EdD
Chief, SGOD

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Attachment 2 – INTERVIEW AND SURVEY QUESTIONNAIRE

Dear Respondents,

Please share some information about yourself. The data will be a great help in my research study. Please answer all the questions below by checking the column that corresponds to your opinion.

Your answer will be treated confidentially and your name will not be specified.

Thank you,

The Researcher

INTERVIEW QUESTIONNAIRE

Lived Experiences and Perceptions of Filipino Teachers on the Use of Artificial Intelligence in Teaching and Learning: A Phenomenological Inquiry

Part I: Warm-Up / Demographic Questions
1. How long have you been teaching?
2. What grade level or subject do you primarily teach?
3. Have you had any formal training related to digital tools or artificial intelligence?

Part II: Main Phenomenological Interview Questions

A. Lived Experience with AI in the Classroom
4. Can you describe your first encounter or experience with artificial intelligence in your teaching practice?
5. How did you feel when you first encountered the use of AI in the classroom setting?
6. How would you describe your overall experience using AI tools (if any) in teaching or in supporting student learning?

B. Perception and Meaning of AI in Teaching and Learning
7. In your own words, what does "artificial intelligence" mean to you as a teacher?
8. What is your general perception of using AI in education? Is it helpful, challenging, or something else? Why?
9. How do you think AI is changing or could change the way students learn?

C. Knowledge and Familiarity with AI
10. What do you know about the types of AI tools or platforms available for classroom use (e.g., ChatGPT, AI grading systems, adaptive learning platforms)?
11. How confident are you in using AI tools in your teaching practices? Why or why not?

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12. Where or how did you gain your knowledge about AI in education (e.g., seminars, self-learning, training)?

D. Factors Influencing AI Use in the Classroom

13. What factors encourage or support the use of AI in your classroom or school setting?
14. What challenges or barriers have you experienced or do you foresee in using AI in teaching?
15. How do you think students respond or might respond to the use of AI in their learning activities?

E. Impacts on Teaching and Student Learning

16. How do you think the use of AI affects your role as a teacher?
17. What impact, if any, do you believe AI has on student learning outcomes or behavior?
18. In your experience, does AI promote or hinder critical thinking and creativity among students? Can you explain?

F. Recommendations and Moving Forward

19. What kind of support or training do you think teachers need to effectively integrate AI into their teaching?
20. What policies, resources, or initiatives could help improve the responsible and effective use of AI in Philippine schools?
21. If you had the chance to design how AI should be used in the classroom, what would it look like?

Part III: Closing Questions

22. Is there anything else you would like to share about your experience or thoughts regarding AI in education?
23. What message would you like to give to educational leaders or policymakers about the use of AI in schools?

PART 1
Lived Experiences with AI in the Classroom: 10-Item Questionnaire

Please indicate your level of agreement with the following statements by putting a check (√) the number that best represents your response.

Scale:
5 - Strongly Agree
4 - Agree
3 - Neutral
2 - Disagree
1 - Strongly Disagree

Item No.	Statement	Response (1-5)
1	I feel comfortable using AI tools in my teaching practices.	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
2	AI has made my classroom activities more efficient and manageable.	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
3	Using AI has helped me personalize lessons for my students' unique needs.	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
4	I have experienced challenges or difficulties when integrating AI into my teaching.	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
5	I believe AI enhances student engagement and participation in class.	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
6	I feel confident that I can independently integrate AI tools into my classroom activities.	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
7	I have received adequate training or support in using AI for teaching and learning.	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
8	AI tools help me reduce my workload as a teacher.	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
9	I am concerned about the ethical implications of using AI in the classroom.	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
10	My experiences with AI in the classroom have been generally positive.	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

Perception and Meaning of AI in Teaching and Learning: 10-Item Questionnaire

Please indicate your level of agreement with the following statements by putting a check (√) the number that best represents your response.

Scale:
5 - Strongly Agree
4 - Agree
3 - Neutral
2 - Disagree
1 - Strongly Disagree

Item No.	Statement	Response (1-5)
1	I believe that AI can enhance the quality of teaching and learning.	□ 1 □ 2 □ 3 □ 4 □ 5
2	AI tools provide meaningful support to teachers in their daily tasks.	□ 1 □ 2 □ 3 □ 4 □ 5
3	The use of AI in education promotes innovation in the classroom.	□ 1 □ 2 □ 3 □ 4 □ 5
4	I view AI as a helpful partner rather than a threat to my role as a teacher.	□ 1 □ 2 □ 3 □ 4 □ 5
5	AI has the potential to improve student learning outcomes.	□ 1 □ 2 □ 3 □ 4 □ 5
6	I feel that AI is changing the meaning and nature of teaching in a positive way.	□ 1 □ 2 □ 3 □ 4 □ 5
7	I am concerned that AI may replace certain teaching tasks that require human connection.	□ 1 □ 2 □ 3 □ 4 □ 5
8	I believe AI should be used to complement, not replace, human teachers.	□ 1 □ 2 □ 3 □ 4 □ 5
9	The integration of AI in education reflects progress in the teaching profession.	□ 1 □ 2 □ 3 □ 4 □ 5
10	AI's role in teaching and learning aligns with my vision of quality education.	□ 1 □ 2 □ 3 □ 4 □ 5

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Knowledge and Familiarity with AI: 10-Item Questionnaire

Please indicate your level of agreement with the following statements by putting a check (√) the number that best represents your response.

Scale:
5 - Strongly Agree
4 - Agree
3 - Neutral
2 - Disagree
1 - Strongly Disagree

Item No.	Statement	Response (1-5)
1	I am aware of what Artificial Intelligence (AI) is and how it is generally used.	□ 1 □ 2 □ 3 □ 4 □ 5
2	I understand how AI can be applied in teaching and learning.	□ 1 □ 2 □ 3 □ 4 □ 5
3	I am familiar with specific AI tools or platforms used in education.	□ 1 □ 2 □ 3 □ 4 □ 5
4	I have attended seminars, workshops, or training related to AI in education.	□ 1 □ 2 □ 3 □ 4 □ 5
5	I can confidently explain basic concepts of AI to my colleagues or students.	□ 1 □ 2 □ 3 □ 4 □ 5
6	I actively explore new developments or trends in AI in education.	□ 1 □ 2 □ 3 □ 4 □ 5
7	I have firsthand experience in using AI tools for teaching and learning.	□ 1 □ 2 □ 3 □ 4 □ 5
8	I feel that my current knowledge of AI is sufficient for integrating it into my teaching.	□ 1 □ 2 □ 3 □ 4 □ 5
9	I am familiar with the advantages and limitations of AI in education.	□ 1 □ 2 □ 3 □ 4 □ 5
10	I believe that increasing my knowledge of AI is essential for future teaching practices.	□ 1 □ 2 □ 3 □ 4 □ 5

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Factors Influencing AI Use in the Classroom: 10-Item Questionnaire

Please indicate your level of agreement with the following statements by putting a check (√) the number that best represents your response.

Scale:
5 - Strongly Agree
4 - Agree
3 - Neutral
2 - Disagree
1 - Strongly Disagree

Item No.	Statement	Response (1–5)
1	I have access to reliable technology and internet that supports the use of AI in teaching.	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
2	I have received adequate training on how to integrate AI into my classroom practices.	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
3	I believe that using AI can enhance the learning experience of students.	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
4	I feel confident in my ability to use AI tools in classroom instruction.	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
5	My school administration supports the integration of AI into teaching and learning.	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
6	I have sufficient time to explore and learn about AI tools for classroom use.	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
7	I am aware of the ethical considerations related to the use of AI in education.	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
8	I believe students benefit from the personalized learning offered by AI applications.	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
9	I encounter challenges such as lack of resources or training when trying to use AI.	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
10	I am motivated to explore AI because of its potential to transform education.	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

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Impacts on Teaching and Student Learning: 10-Item Questionnaire

Please indicate your level of agreement with the following statements by putting a check (√) the number that best represents your response.

Scale:
5 - Strongly Agree
4 - Agree
3 - Neutral
2 - Disagree
1 - Strongly Disagree

Item No.	Statement	Response (1–5)
1	AI tools have made it easier for me to deliver more interactive and engaging lessons.	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
2	The use of AI has improved the quality of feedback I provide to my students.	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
3	AI helps me identify students' learning gaps more effectively.	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
4	My teaching strategies have become more personalized through the use of AI tools.	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
5	Students demonstrate greater motivation and engagement when AI is integrated into lessons.	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
6	AI-based assessments help me monitor student progress more accurately.	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
7	AI supports differentiated instruction tailored to students' learning needs.	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
8	AI use in the classroom reduces my workload in lesson planning and grading.	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
9	I have observed measurable improvement in student learning outcomes through the use of AI.	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
10	The use of AI in my teaching practice contributes to more efficient and meaningful learning.	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

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Questionnaire: Recommendations and Moving Forward on AI Use in Teaching and Learning

Please indicate your level of agreement with the following statements by putting a check (√) the number that best represents your response.

1 – Strongly Disagree
2 – Disagree
3 – Neutral
4 – Agree
5 – Strongly Agree

Item No.	Statement	1
1	Teachers should receive continuous training on the effective integration of AI in teaching.	□ 1 □ 2 □ 3 □ 4 □ 5
2	The Department of Education should create policies to regulate AI use in the classroom.	□ 1 □ 2 □ 3 □ 4 □ 5
3	AI tools should be tailored to support Filipino learners' diverse needs and learning styles.	□ 1 □ 2 □ 3 □ 4 □ 5
4	Collaboration among teachers, tech experts, and administrators is essential for AI implementation.	□ 1 □ 2 □ 3 □ 4 □ 5
5	There should be regular evaluation of AI tools for effectiveness and ethical considerations.	□ 1 □ 2 □ 3 □ 4 □ 5
6	Teachers should be involved in the decision-making process regarding AI use in schools.	□ 1 □ 2 □ 3 □ 4 □ 5
7	AI should be used to assist teaching, not replace the teacher's role in the classroom.	□ 1 □ 2 □ 3 □ 4 □ 5
8	Localized and culturally-relevant AI content should be developed for the Philippine context.	□ 1 □ 2 □ 3 □ 4 □ 5
9	AI integration should prioritize enhancing student learning outcomes.	□ 1 □ 2 □ 3 □ 4 □ 5
10	Schools should allocate budget and infrastructure to support AI-driven educational innovations.	□ 1 □ 2 □ 3 □ 4 □ 5

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