Teacher Workflows, Professional Agency & AI Productivity: Thailand Experiences on Empowering Professional Practice, Enriching Every Learner



Tanawat Suwannapan
Vice-secretariat
National Thai Teachers Union



Dr.Panayuth Choeybal
Assistant Professor,
Udon Thani Rajabhat University



Chulawan Bauluang
Educational Supervisor
Education Service Area 3
Pattani Province



Lukman Doloh
Deputy School Director
Ban Bagramat, ESAO3
Pattani Province

AI in Everyday Teaching and School Practice

From your daily work, how has AI changed the way teachers plan lessons, prepare teaching materials, or assess students? Could you share a real example?



How teaching changed

- quickly planning lesson studies,
- making custom worksheets,
- grading student work.

Aligning goals

- Laying step-by-step daily lesson guides.
- Cuting down hours of staring at blank pages.

Prepare teaching materials

- Creating practice tests and reading questions instantly.
- Rewriting texts to fit slow or fast readers.
- Adding ideas, Suggesting fun games and art projects.
- Etc.

Examples for Student Assessment

AI Teaching Assistant

- Lesson ideas
- Custom worksheets
- Differentiated texts
- Games & art projects
- Data insights

Examples for Student Assessment

Grades essays
Giving fast first thoughts on student writing.

Finding gaps
Identifying what students understand and what they still need.

Writing feedback
Clear, kind, and actionable comments students can use to improve.



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Teaching Transforming on daily basis

Lesson Planning :
less time on paperwork
more on innovation

Material Preparation:
Generate an instance differentiation for all students

Effective assessment:
provide rapid feedback and analysis students' work for improvement

Real-world case:
it could be more challenge, active, and focusing on outcome.




AI in Everyday Teaching and School Practice
Can you share how you facilitate collaboration among teachers or support your colleagues in improving their teaching practices?
AI

FACILITATING TEACHER COLLABORATION

Horizontal, low-stakes dialogue — not top-down tech training



"ครูปล่อยของ x Craft AI"
Teachers Showcasing Sessions

Not a chatbot demo. A recurring space where teachers bring real classroom experiments and pressure-test them together.

Every session asks: is AI a tool for the **student's own creation**, or does it just generate answers that bypass their critical thinking?

GROUNDED IN

- Community
- Communication
- Creation

Peer observation

One teacher observes another's AI-integrated lesson. Then, together, they deconstruct it — what worked, what the AI actually did, and where the student's own thinking entered.



The payoff

Sharing real, specific classroom experiments — not generic best practices — empowers teachers to become **co-creators of pedagogical knowledge**, rather than passive consumers of the latest EdTech trend.

HOW I FACILITATE COLLABORATION

1. PROFESSIONAL LEARNING COMMUNITY (PLC)



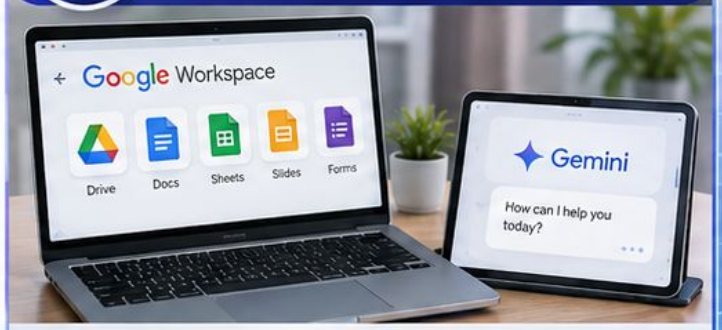
- Teachers share classroom challenges and successful practices.
- Discuss student learning and possible solutions.
- Create a safe space for sharing, not judging.

2. PEER LEARNING & PEER OBSERVATION



- Encourage teachers to learn from one another.
- Teachers share their individual strengths.
- Examples:
  - ✓ Classroom management
  - ✓ Active learning
  - ✓ Assessment
  - ✓ Technology integration

3. DIGITAL & AI-SUPPORTED COLLABORATION



- Use digital platforms such as Google Workspace to share resources.
- Teachers can exchange:
  - ✓ Lesson plans ✓ Worksheets ✓ Teaching materials
  - ✓ Assessment ideas ✓ Classroom activities
- Use AI to support teachers in:
  - ✓ Developing lesson ideas ✓ Creating learning materials
  - ✓ Designing assessments ✓ Differentiating activities
- Teachers who are confident with AI can support colleagues who are beginners.

Professional Agency, Leadership, and Challenges

What challenges have teachers faced when using AI in schools, and how have you or your colleagues addressed them?



1 LACK OF AI KNOWLEDGE AND CONFIDENCE

CHALLENGE



- Some teachers are unfamiliar with AI tools.
- Don't know how to write effective prompts.
- Concerned that AI is too complicated.

2 ACCURACY AND RELIABILITY OF AI

CHALLENGE



- AI can sometimes provide incorrect or misleading information.
- Teachers may trust AI-generated content too quickly.

3 ETHICS, PRIVACY & RESPONSIBLE AI

CHALLENGE



- Teachers may not know what student information can be safely entered into AI tools.
- Concerns about privacy, copyright, bias, and responsible use.

4 DIFFERENT LEVELS OF DIGITAL SKILLS

CHALLENGE



- Some teachers are highly confident with technology.
- Others are beginners.
- One-size-fits-all training doesn't work well.

5 TEACHER WORKLOAD

CHALLENGE



- Teachers already have many responsibilities.
- Learning another new technology can feel like additional work.

6 STUDENTS BECOMING OVERLY DEPENDENT ON AI

CHALLENGE



- Students may use AI to complete assignments without understanding the content.
- This can affect critical thinking, creativity, and independent learning.

WHY IT MATTERS



> Our goal is not to make every teacher an AI expert. Our goal is to make every teacher confident enough to use AI critically, ethically, and meaningfully.

OUR OVERALL APPROACH

TRAIN teachers to use AI. →

SHARE good practices with colleagues. →

VERIFY AI-generated information. →

PROTECT student privacy and promote ethical use. →

REFLECT on whether AI actually improves learning.

LUKMAN DOLOH



Professional Agency, Leadership, and Challenges

How do teachers ensure that AI supports professional judgement rather than replacing it? Could you share an example from your own experience?

PROTECTING PROFESSIONAL JUDGMENT

Oversight scales with the stakes — not the same setting for every task

1 OUT of the loop



Low stakes

Fully automated — no need for a human check on the output.

2 ON the loop



Moderate stakes

AI drafts or organizes; a teacher monitors and steps in as needed.

3 IN the loop



High stakes

Pedagogical values or a student's core understanding — AI drafts, the teacher's judgment finalizes it.

Rule of thumb: the closer AI's output gets to pedagogical values or evaluating understanding, the more human-in-the-loop it must be (**HITL**).



FROM PRACTICE · KHUN CHANG KHUN PHAEN

Teaching the trial of Nang Wanthong, a teacher had students use AI to explore different legal and moral verdicts — but their final arguments could not overlap with anything AI generated. AI stayed a baseline database; the boundary itself was the teacher's judgment, forcing students to critique AI's limits and think for themselves.



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AI supports professional judgement

AI as a supportive tool rather than a final decision-maker.

Using AI only to gather data or draft initial ideas.

Maintain Human Oversight:

- Review and edit before sharing
- Protect Student Privacy
- Cross-Check Information
- and Reflect Critically



Professional Agency, Leadership, and Challenges



How has collaboration among teachers, school leaders, and educational supervisors contributed to the successful use of AI in your school or region?

Tripartite Collaborative Model

(Teacher Professional Agency)

CORE TAKEAWAY

Technology isn't enough.
Shifting from isolated efforts to systemic drive through a collaborative ecosystem.

Effective Educational AI depends on Triad Collaboration.

Connected. Supported. Sustained.

The Power of
TRIAD COLLABORATION

Building a Sustainable & Directed Educational Future – Together

1 Educational Supervisors as Catalysts

THE GUIDES

- **Set Standards:** Translate policy into ethical AI guidance and data privacy rules.
- **Activate PLCs:** Share effective prompts and review AI tools.
- **Provide Feedback:** Share efrarontes and review AI tools.
- **Provide Feedback:** Reflect classroom challenges back to adjust strategy.

2 School Leaders as Ecosystem Enablers

THE ENABLERS

- **Create Safety:** Define AI as co-pilot, not replacement. Foster "Safe to Fail" culture.
- **Allocate Resources:** Provide premium tools, hardware, and time for Upskilling.
- **Foster Networks:** Connect schools to success stories.

3 Teachers as Co-Creators in PLC

THE PRACTITIONERS

- **Activate PLCs:** Share effective prompts and review AI tools.
- **Provide Feedback:** Share efrarontes and review AI tools.
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SCALING GOOD PRACTICES FOR THE FUTURE

Based on your experience, what advice would you give to schools or teachers in other ASEAN countries that are beginning to integrate AI into teaching and learning?



A SIMPLE FRAMEWORK TO GET STARTED

1 START



Start with a real problem and clear goal.

2 EXPERIMENT



Try small AI applications and learn by doing.

3 SHARE



Share good practices and support each other.

4 VERIFY



Verify information and use AI ethically.

5 ADAPT



Adapt and improve based on your context and needs.



OUR GOAL



"We don't need to become AI-powered schools. We need to become schools where teachers and students are **AI-ready.**

LET'S BUILD AN AI-READY FUTURE TOGETHER



Collaborate



Share



Grow



Empower



Create impact for our students and communities

Together, let's use AI to make learning more meaningful, inclusive, and joyful for every learner in ASEAN.

LUKMAN DOLOH

4 Strategic Advice

1. Start Small, Think Big



- **Core Strategy:** Begin with free, accessible tools to save teacher time before investing heavily.
- **Practical:** Draft quizzes, generate game ideas, translate documents.
- **Impact:** Build confidence, inspire tech adoption.

2. Prioritize "AI Literacy" Before Deployment



- **Core Strategy:** Establish AI awareness and ethics guidelines.
- **Focus Areas:**
  - Data Privacy
  - Fact-Checking (verify)
  - Academic Integrity (prevent plagiarism).
- **Impact:** Responsible and safe technology use.

3. Bridge the Digital Divide with Hybrid Approaches



- **Core Strategy:** Use an "AI-Designed, Offline-Delivered" model for low-connectivity areas.
- **Practical:** Teachers use AI (via school or mentors or mobile net) to design lessons, activities, worksheets; then print and distribute them.
- **Impact:** Equal access for students without devices or internet.

4. Foster Peer-to-Peer Learning Communities



- **Core Strategy:** Collaborate through Professional Learning Communities (PLCs) & "AI Champions." Avoid top-down training.
- **Practical:** Buddy system, Weekly "Show & Share" of prompts & ideas.
- **Impact:** Transforms anxiety into shared discovery and fun.

BUILD THE FUTURE OF ASEAN EDUCATION - TOGETHER

CHULAWAN BAULUANG

QUESTION FOR REFLECTION

Scaling Good Practices for the Future

'If you could recommend one action to policymakers and education leaders to better support teachers in the AI era, what would it be, and why?



Policymakers and education leaders must consider

- Funding and supporting ongoing, practical professional development focused on AI literacy and pedagogy,
- Providing paid time and resources for teachers to master AI tools which focus on pedagogy,
- Ensuring every school accesses the same high-quality AI resources.



Because :

1. To reduces overwhelm: Teachers' stress



2. To protects learning quality



3. To prepares students' future skills in ethical ways



When we support teachers, we empower students.

Equitable support today.
Stronger futures tomorrow.

Scaling Good Practices for the Future

Drawing on your experience, what would you recommend to education systems at all levels to effectively integrate AI into teaching practices, strengthen teacher professionalism, and enhance system efficiency?



RECOMMENDATIONS FOR EDUCATION SYSTEMS

Stop treating AI as a learning environment.
Use it as an administrative liberator.

The limitation: a student facing learned helplessness or systemic disadvantage isn't saved by a smarter chatbot.

Learning needs modality — listening, moving, touching, conversing in a shared community – which a single screen can't provide.

> "The classroom must remain a special, deeply human environment."
> — after John Dewey

Push AI to the backend (HOOTL)

Let AI fully automate heavy administrative burdens, data tracking, and paperwork — human-out-of-the-loop, by design, where the stakes are low.

- Paperwork Automation
- Data Collection & Tracking
- Reports & Dashboards
- Communications & Reminders
- Compliance & Record Keeping



BEFORE (Manual)	AFTER (AI Automated)
20–30 hrs per week	5–8 hrs per week
High workload, prone to errors	Accurate, real-time data
Paper-heavy, slow processes	Paperless, faster workflows

TIME RETURNED TO TEACHERS

The real goal: buy back teachers' time

Efficiency gains should return time to teachers — to build relationships, notice the quiet students, and facilitate the human-to-human communication and creation AI can never replicate.

- Build Relationships
- Notice & Support Every Learner
- Human Communication
- Inspire & Foster Creativity
- Stronger, Inclusive Communities



Use AI where it adds the most value — behind the scenes.
Keep teachers and students at the heart of learning.

TANAWAT SUWANNAPAN

Thank you

Salamat Poh
khob Khun Krab



Tanawat Suwannapan

Vice-secretariat
National Thai Teachers Union



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Assistant Professor,
Udon Thani Rajabhat University



Chulawan Bauluang

Educational Supervisor
Education Service Area 3
Pattani Province



Lukman Doloh

Deputy School Director
Ban Bagramat, ESAtO3
Pattani Province

Together, we inspire. Together, we innovate. Together, we build an AI-ready future for ASEAN.