Module 6 – Critical Thinking Paper

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August 22, 2025

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Part 1: Professional Learning Standards

The Professional Learning Plan: An Overview

My professional learning plan (PLP) focuses on improving teachers' capacity to integrate technology into instructional practice. Although this capacity is crucial to ensure technologies improve student engagement and academic outcomes, it remains underdeveloped since many educators struggle to move beyond basic tool use (Sarva & Puriņa-Biezā, 2023). Accordingly, my plan emphasizes the pedagogical application of digital platforms. Structured as a multi-phase program, the PLP starts with foundational workshops, followed by classroom application, mentoring, and reflective practice within professional learning communities (PLCs). Therefore, the PLP's overarching aim is to help teachers move beyond merely adopting technology to ensure they can use it strategically to create more inclusive, participatory, and equitable learning environments.

Alignment with Professional Learning Standards

Even though my plan aligns with the majority of Learning Forward's professional learning standards, its alignment is strongest with learning designs, implementation, and culture of collaborative inquiry. The first standard emphasizes that improving professional practice requires prioritizing the context when setting learning goals while also anchoring learning designs on evidence-based strategies (Learning Forward, 2022). Similarly, the plan emphasizes tailoring goals to teachers' actual needs and the realities of today's classrooms. It incorporates experiential learning through simulations of classroom scenarios, hands-on practice, rather than relying on lecture-style workshops. Moreover, adult learning principles and Universal Design for Learning (UDL) are central to the design. This design makes it possible to include activities that can be adapted to teachers' varied levels of technological

expertise. For example, novice users receive structured tutorials. In contrast, advanced participants engage in collaborative problem-solving tasks that push innovation.

Secondly, the implementation standard considers professional learning as effective when educators utilize research on change management and sustain it through iterative processes. My plan aligns with this standard in that it operationalizes implementation as a process of gradual adaptation rather than a single event. This operationalization echoes the scholarly view that in education, change is a learning process, whereby each initiative presents both opportunities and threats for learning (Azarshab et al., 2025). As such, the PLP incorporates follow-up coaching sessions, digital resource banks, and periodic progress check-ins to avoid the ineffectiveness of one-time workshops. It encourages teachers to try new tools in their classrooms and document these experiences for discussion during follow-up meetings. These meetings allow educators to refine their practice over time, supported by mentors who provide personalized feedback.

Lastly, the PLP promotes a culture of collaborative inquiry by encouraging participation in professional learning communities (PLCs). PLCs render professional development as a communal rather than isolated endeavor, as it improves through interaction, dialogue, and collaboration (Salo et al., 2024). In the plan, PLCs offer teachers structured spaces to share experiences, analyze student data, and refine technology-enhanced instructional strategies. Collaborative activities encourage experimentation, with teachers jointly exploring tools, reflecting on successes, and addressing challenges. PLCs foster development through inquiry and reflection while also supporting equity by valuing diverse perspectives. Therefore, effective technology integration necessitates building collective efficacy and cultivating a school-wide culture in which teachers support one another in advancing student learning.

Part 2: Systemic Multi-tiered Professional Learning

Awareness Stage

A hands-on workshop on Google Classroom and interactive tools is an ideal learning activity from the PLP that requires using evidence-based strategies to support stakeholders at different stages of concern. At the stage of awareness, teachers express limited knowledge or concern about a new initiative, especially when its relevance to their immediate responsibilities is unclear. The PLP will mitigate this concern through an introductory orientation explaining the rationale for technology integration, highlighting its alignment with district goals, and providing concrete examples of improved student engagement. Brief demonstrations of success stories, along with testimonials from early adopters, will be the evidence-based strategies at this stage. Another strategy might entail visual data showing the positive impact of Google Classroom on student participation (Rosyada & Sundari, 2021). The intent is to raise interest by illustrating not only the functionality of the tools but also their potential to address persistent challenges.

Personal Stage

Educators begin to worry about how technology integration will affect them at the personal stage. Notable issues might include its impact on their workload, professional identity, and capacity to teach effectively. My strategic approach to addressing these concerns will involve providing reassurance, individualized support, and opportunities for teachers to express their anxieties. For instance, facilitators will clearly explain how Google Classroom simplifies rather than complicates instructional processes such as grading, communication, and assignment management. According to research, scaffolding and just-in-time training alleviate personal concerns by reducing uncertainty (Richardson et al., 2022). Therefore, the plan includes access to peer mentors and quick reference guides. Moreover, teachers will complete self-assessment surveys to identify their starting points, enabling differentiated

coaching. Consequently, the plan builds confidence by encouraging them to see technology as a resource for growth rather than a threat.

Consequence Stage

The most prominent concern for teachers at this stage entails the impact of their instructional changes on student learning outcomes. Here, strategies must shift from persuasion to evidence-based evaluation. The plan incorporates collaborative data analysis sessions to meet this need. During these sessions, teachers will examine student engagement metrics, assignment completion rates, and formative assessment results within Google Classroom. At the same time, facilitators provide models for collecting and interpreting data, as well as protocols for collaborative reflection within PLCs. This strategic approach will enable teachers to see a direct correlation between their integration efforts and student success. The motivation of educators to sustain new practices deepens when they observe tangible improvements in student performance (Miller et al., 2021). Focusing on outcomes rather than process alone will see the plan foster long-term commitment to technology integration as a pedagogical tool.

Part III: Implementation and Feedback

Stakeholders

Teachers, instructional coaches, and the school's technology coordinator are the main stakeholders to be involved in the implementation phase. Classroom teachers are the primary beneficiaries of the initiative. They will integrate Google Classroom and interactive tools into daily instruction. The coaches act as facilitators and mentors. Their role is to provide targeted support during and after the workshop sessions. The coordinator ensures that the necessary digital infrastructure, such as reliable internet access and functioning devices, is in place. These stakeholders are to be provided with an overview of the plan, expectations, and resources before implementation to reduce uncertainty. This preparation will ensure they

have a shared understanding of goals and view the activity as collaborative rather than evaluative.

Supports

The plan embeds multiple supports tailored to the needs of stakeholders to maximize engagement. Teachers will receive differentiated training modules. These modules will range from beginner-level tutorials to advanced integration strategies to allow them to learn at their own pace. Instructional coaches are provided with facilitation guides and access to case studies that model effective mentoring practices in technology adoption. The technology coordinator receives ongoing communication about hardware and software needs. These will be necessary to prevent logistical barriers that may impede implementation. The plan also avails structured opportunities for collaboration, such as peer-to-peer coaching sessions and reflective discussion groups. Research on effective professional development highlights that contextualized learning and sustained follow-up are essential for meaningful impact (Theodorio, 2024).

Feedback Method

Refining professional learning activities and ensuring their continued relevance will necessitate gathering authentic feedback. The most suitable method to collect feedback should embed their voice and choice in professional learning. Participants will complete a post-session survey combining Likert-scale and open-ended items. Open-ended prompts allow all stakeholders to suggest improvements and highlight successes. Teachers will evaluate the clarity of instruction, usefulness of strategies, and impact on classroom practice. Instructional coaches will assess the adequacy of resources for mentoring and identify gaps in facilitation support. The technology coordinator will provide feedback on infrastructure readiness, system usability, and logistical barriers encountered (Truong et al., 2025). The

feedback loop is closed by presenting a summary of responses at the next workshop and showing how input informed revisions.

Part 4: Reflection

Effectiveness

Stakeholder feedback indicated that the professional learning session effectively addressed the needs and concerns of participants. Teachers valued the practical demonstrations of Google Classroom features, especially the ability to streamline grading and enhance student communication. Instructional coaches reported that the mentoring frameworks provided were highly transferable to their existing coaching models, while the technology coordinator noted that advanced preparation reduced technical disruptions. However, some areas for refinement emerged. For example, some teachers expressed a desire for more individualized pacing. Beginners felt overwhelmed, while advanced users sought a deeper exploration of integration strategies. This reflects the challenge of balancing heterogeneity in professional learning groups. Overall, the session was a promising start but highlighted the need for greater personalization.

Engagement

A second area of reflection concerns the strategies employed to engage participants with diverse professional backgrounds, technological skills, and instructional contexts. Including UDL principles, such as offering multiple means of representation and engagement, proved especially effective in supporting varied learning preferences. Providing video tutorials, step-by-step written guides, and live demonstrations allowed participants to select formats most conducive to their learning. Peer collaboration further enriched engagement, as teachers learned from colleagues who brought different experiences and classroom realities (Bergmark, 2023). Nonetheless, the session illuminated equitable participation as a major challenge. Quieter participants sometimes deferred to more

technologically adept peers, which limited their voice in collaborative spaces. Mitigating this will require intentional facilitation strategies, such as structured turn-taking protocols and reflective journaling.

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