Activity Guides
Tech Integrated Lesson Plans

Tech Integrated Lesson Plans

Technology for Teaching and Learning - 1
Duration: 2 weeks | LO Codes: TTL 1-2, TTL 1-3
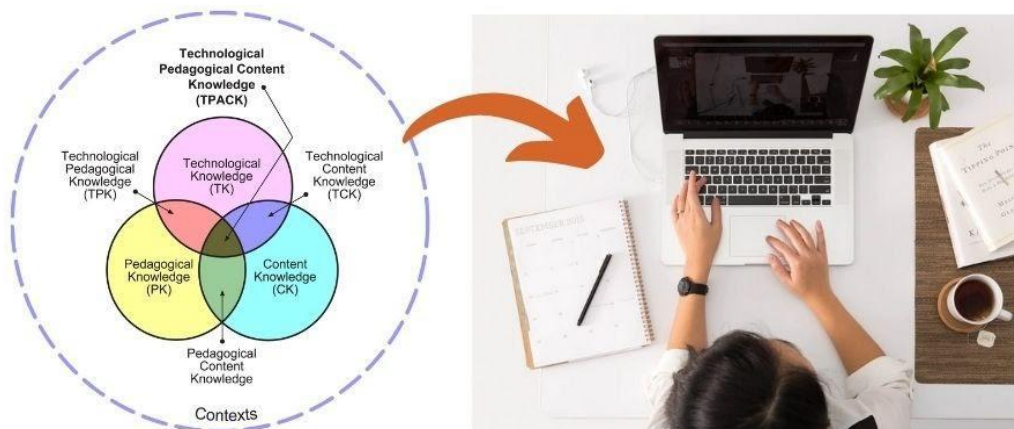
Note to the Teacher

Hi Teacher! This set of activities can be a two-week mini-project on applying technology integration frameworks when designing learning experiences. These activities can be adjusted to suit your needs, and can even be linked to other projects in other subjects such as the 21st Century Lesson Plan from the BEL course pack. At the end of this engagement, students will be able to purposefully and productively integrate technology into their lesson plans, taking into consideration their learners' unique needs and contexts.

Learning Outcomes

By the end of this project, learners will:

TTL 1-2: Integrate media and technology in various content areas.

TTL 1-3: Formulate teaching-learning experiences and assessment tasks using appropriate and innovative technologies.

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Overall Learning Journey

🕐 Approx. 5 hours / 1 week (Class + Homework)

Inquire	Acquire	Discuss	Practice	Collaborate
Class Observations Homework	**Learning about Technology Integration** Homework	**Technology Integration** Class	**Lesson Enhancement** Class OR Homework	**Tech Integrated Lesson Plan** Class OR Homework

Detailed Learning Journey

Class Observations (Inquire) | Homework

- Students will be assigned to observe a class. They may opt to observe live, face-to-face classes, or watch a recorded teaching demonstration. Here are some videos that you can choose from, but you can also provide your own options:
  - [Teaching Demo 1](#)
  - [Teaching Demo 2](#)
  - [Teaching Demo 3](#)

- As the students observe, they will use the following questions to guide their thinking:
  - What is the classroom session about? What content is the teacher teaching?
  - What strategies are the teachers using to deliver the content? Are these strategies appropriate? Why or why not?
  - What technologies are they using? Are these technologies appropriate? Why or why not?

Learning About Technology Integration (Acquire) | Homework

- After watching the demonstrations or observing the classroom sessions, the students will learn about technology integration by reading selected articles, or watching selected videos. Some suggested resources are:
  - [What is the TPACK Model?](#)
  - [Lesson Planning with TPACK](#)
- The resources above focus on the TPACK framework. For more resources on other technology integration frameworks that you can use, you may refer to the Suggested Resources section of this activity guide.

Technology Integration (Discuss) | 10 mins
- Students will participate in class conversations about technology integration. To drive the conversations, the following guide questions can be used:
    - After learning more about technology integration frameworks, what new thoughts do you have about the classes that you observed in the first activity?
    - Is technology integration important in our context? Why or why not?
    - What are some legal and ethical concerns about using technology? How can we ensure that we can integrate technology legally, ethically, and safely?
    - What practices can we observe to make sure that our technology integration is purposeful and productive?

Lesson Enhancement (Practice) | 45 mins / Homework
- Students will practice their technology integration skills by using TPACK and other frameworks to enhance the lessons that they had observed in the first activity. After they create their enhanced lesson plans, they will share these with a partner or a group to get feedback.

Tech Integrated Lesson Plan (Collaborate) | 45 mins / Homework
- Working in groups according to their specialization, students will create a lesson plan that purposefully integrates technology. The following rubric can be used as a way to assess their work:
    - **Accessible and flexible.** The learning experience should promote inclusion and address learner diversity by decreasing barriers to access, or showcasing possible alternatives and contexts for use.
    - **Fit for the users' and their learners' context.** The learning experience and its components should use appropriate technologies, modalities, and formats for the target learners.
    - **Clear learning outcomes.** The learning plan should clearly identify and cover the essential knowledge, skills, and attitudes needed by the learners.
    - **Assessment included.** The learning plan should include a way to assess whether the learning outcomes have been met.

Digital Tayo Modules

The Digital Tayo modules are a great supplement to this activity. We recommend modifying the activity below to focus on how intentional selection of media can help make a more powerful learning plan, but feel free to look through the Digital Tayo website to select particular lessons that you want to use.

Digital Empowerment Module

Topic	Lesson	Description
Media and Tech Integration	**Lesson 3: Raising Awareness Through Media**	Students will learn about and identify ways in which various types of media can be used to promote awareness around an issue.

Suggested Resources

These resources are online courses, articles, videos, and toolkits that you can use or share with your students as reference materials.

Topic	Resources
Technology Integration Frameworks ● TPACK Framework ● SAMR Model ● The Technology Integration Matrix	The TPACK Framework Explained (With Classroom Examples) SAMR Model: A Practical Guide for EdTech Integration TPACK vs SAMR: Key Differences Between 2 Tech Frameworks The Technology Integration Matrix
Inclusive and Accessible Technologies ● Bandwidth and Immediacy	Videoconferencing Alternatives: How Low-Bandwidth Teaching Will Save Us All 3 Questions to Ask About Using Tech in the Classroom How to Reach Students Without Internet: Key Recommendations 10 no-internet remote learning activities

Assistive Technology: Finding the Right Resources for All Students

Immersive Reader: Microsoft Learning Tools
How to Use Voice Typing in Google Docs

Legal, Ethical, and Safe Use of Technology in the Classroom
- Fair Use Policies
- Intellectual Property Rights

FB Digital Tayo Managing Passwords Interactive Quiz

FB Digital Tayo The Privacy Game Interactive Quiz

FB Digital Literacy Library Course

Teaching Critical, Ethical and Safe Use of ICT in Pre-Service Teacher Education

Cybersecurity: 7 Ways to Keep Kids Safe Online

9 Ways to Create a Cyber-Safe Classroom SafeSpace

Internet Safety

The Teacher's Guide to Keeping Students Safe Online