

Schedule and Weekly Breakdown

Week 1: Introduction to LMS Setup

- **Learning Goal:** Understand the role of a Learning Management System in organizing instructional materials and tracking student progress.
- **Activities:**
 - Explore different LMS platforms (e.g., Google Classroom, Canvas).
 - Set up a classroom in an LMS.
- **Assessment:** Reflection on how LMS can improve classroom management.

Week 2: Practice Week – Implement LMS Setup

- **Activities:**
 - Set up and organize an LMS for your class, uploading resources and assignments.
 - Collect initial feedback from students on using the platform.
- **Assessment:** Reflection on ease of use and student responses.

Week 3: Introduction to Math Stations

- **Learning Goal:** Understand the concept and benefits of math stations for differentiated learning.
- **Activities:**
 - Watch videos of math stations in action.
 - Discuss pros and cons in small groups.
- **Assessment:** Create a concept map on math stations in your classroom.

Week 4: Practice Week – Implement Initial Math Stations

- **Activities:**
 - Set up and implement a basic math station in your classroom.
 - Collect feedback from students and reflect on the results.
- **Assessment:** Document reflections and share in peer discussion.

Week 5: Creating Engaging Videos for Instruction

- **Learning Goal:** Learn how to create engaging educational videos to enhance classroom instruction.
- **Activities:**
 - Explore best practices for video creation (short, interactive, visually appealing).
 - Record a short video lesson for your class.
- **Assessment:** Submit your video for peer review and feedback.

Week 6: Practice Week – Use Instructional Videos in Class

- **Activities:**
 - Use the video you created in your classroom or online learning environment.
 - Gather feedback on student engagement and understanding.
- **Assessment:** Reflect on how the video enhanced learning and engagement.

Week 7: Designing Math Stations for Various Grade Levels

- **Learning Goal:** Create math stations that cater to different grade levels and learning needs.
- **Activities:**
 - Participate in a design challenge to create tailored math stations.
 - Peer review of station designs for feedback.
- **Assessment:** Submit a detailed math station plan for facilitator and peer feedback.

Week 8: Practice Week – Implement Grade-Level Math Stations

- **Activities:**
 - Implement the designed math stations.
 - Collect and analyze feedback from students.
- **Assessment:** Reflect on student engagement and submit a revised plan.

Week 9: Interactive Online Activities

- **Learning Goal:** Integrate interactive online activities (quizzes, games, forums) into classroom instruction.
- **Activities:**
 - Explore platforms like Kahoot, Quizlet, or EdPuzzle.
 - Create and test an interactive activity for your class.
- **Assessment:** Submit your interactive activity and reflections on its effectiveness.

Week 10: Practice Week – Use Interactive Activities in Class

- **Activities:**
 - Implement an interactive activity (quiz, game, discussion forum) in class.
 - Gather data on student participation and performance.
- **Assessment:** Reflect on the impact of the activity on student engagement and learning.

Week 11: Supporting Mathematical Growth

- **Learning Goal:** Develop strategies to support mathematical growth in students.
- **Activities:**
 - Create a digital portfolio showcasing various math station activities.
 - Collaborate on strategies to support struggling and advanced learners.
- **Assessment:** Present your digital portfolio with reflections on growth.

Week 12: Practice Week – Apply Growth Strategies in Math Stations

- **Activities:**
 - Implement the strategies developed to support mathematical growth in students.
 - Reflect on the effectiveness of your adjustments.
- **Assessment:** Document and present reflections on student outcomes.

Week 13: Advanced Math Station Strategies

- **Learning Goal:** Develop advanced strategies for managing diverse learners in math stations.
- **Activities:**
 - Role-playing and scenario analysis to address challenges.
 - Collaborative creation of differentiated instruction strategies.
- **Assessment:** Add advanced strategies to your digital portfolio and present a case study.

Week 14: Practice Week – Implement Advanced Math Station Strategies

- **Activities:**
 - Apply advanced strategies in math stations to meet the needs of diverse learners.
 - Reflect on how these strategies impact classroom dynamics.
- **Assessment:** Submit reflections on the success and challenges of implementation.

Week 15: Using Data to Drive Instruction

- **Learning Goal:** Learn how to collect and analyze student data to drive instruction and improve learning outcomes.
- **Activities:**
 - Collect and review student performance data.
 - Analyze data patterns to make informed instructional decisions.
- **Assessment:** Create an action plan to adjust instruction based on data analysis.

Week 16: Practice Week – Data-Driven Adjustments in Instruction

- **Activities:**
 - Implement instructional adjustments based on student performance data.
 - Reflect on how these changes improve student engagement and learning outcomes.
- **Assessment:** Submit reflections on data-driven instruction.

Week 17: Peer Teaching and Feedback

- **Learning Goal:** Share and refine teaching strategies through peer teaching and feedback.
- **Activities:**

- Present a strategy (e.g., LMS, interactive activities, math stations) in a peer teaching session.
- Receive structured feedback on clarity, engagement, and effectiveness.
- **Assessment:** Submit peer feedback forms and reflect on how to incorporate feedback.

Week 18: Practice Week – Adjust Based on Peer Feedback

- **Activities:**
 - Implement changes based on peer feedback in your classroom.
 - Gather feedback from students on the adjustments.
- **Assessment:** Reflect on the impact of the adjustments.

Week 19: Reflection and Growth

- **Learning Goal:** Reflect on personal and professional growth throughout the PL program.
- **Activities:**
 - Group discussion on key takeaways and future applications.
 - Reflect on individual growth in teaching practices.
- **Assessment:** Submit a final reflection essay and post-assessment survey on the course's impact.

Week 20: Final Classroom Implementation

- **Activities:**
 - Finalize and implement a refined instructional strategy (e.g., math station, LMS, video).
 - Collect final reflections on student outcomes and classroom impact.
- **Assessment:** Present final reflections and assessment of growth.