Proposed session name (subject to edits) – 50 or fewer characters

Creating and Utilizing Assessment Questions and Question Item Banks in the PLTW Learning Management System

Proposed session description (subject to edits) – 500 - 750 characters

In this presentation teachers will learn how to create different types of assessment questions and place item banks in the LMS. Attendees will place images, video, math equations and format text while creating assessment items. Creating tests from item banks and collecting data from completed classroom assessments will be covered.

Outline of session content to be presented – 1500 characters

1. Item Banks
   A. Creation of Item Banks

2. Test Question Formats
   A. Multiple Choice
   B. Numerical Answer
   C. Essay Question
   D. File Upload Question

3. Placing items in Test Questions
   A. External Links
   B. Images
   C. Video
   D. Math Equations
   E. Text Formatting

4. Answer Choices
   A. Correct Answer
   B. Incorrect Answers and comments within correct answers after the student has selected the incorrect answer to a created question.

5. Creating Quizzes
   A. Quiz Types
   B. Shuffling Answers
C. Access Codes
D. Letting Students See Their Responses

6. Adding Questions to Quizzes
   A. Creating New Questions
   B. Questions From Item Banks

7. Previewing Quizzes
   A. Taking A Test You Wrote

8. Giving Quizzes to Classes
   A. Moderating Quizzes

9. Collecting Data From Tests and Quizzes Given in the LMS
   A. Quiz Statistics
   B. Item Analysis
   C. Student Analysis
   D. Discrimination Index

**At least three learner outcomes for workshop participants**
1. Creating three different types of assessment questions in the LMS
2. Placing at least three different items within test questions in the LMS
3. Create a quiz in the LMS from questions created