

# Digital Learning and Data:

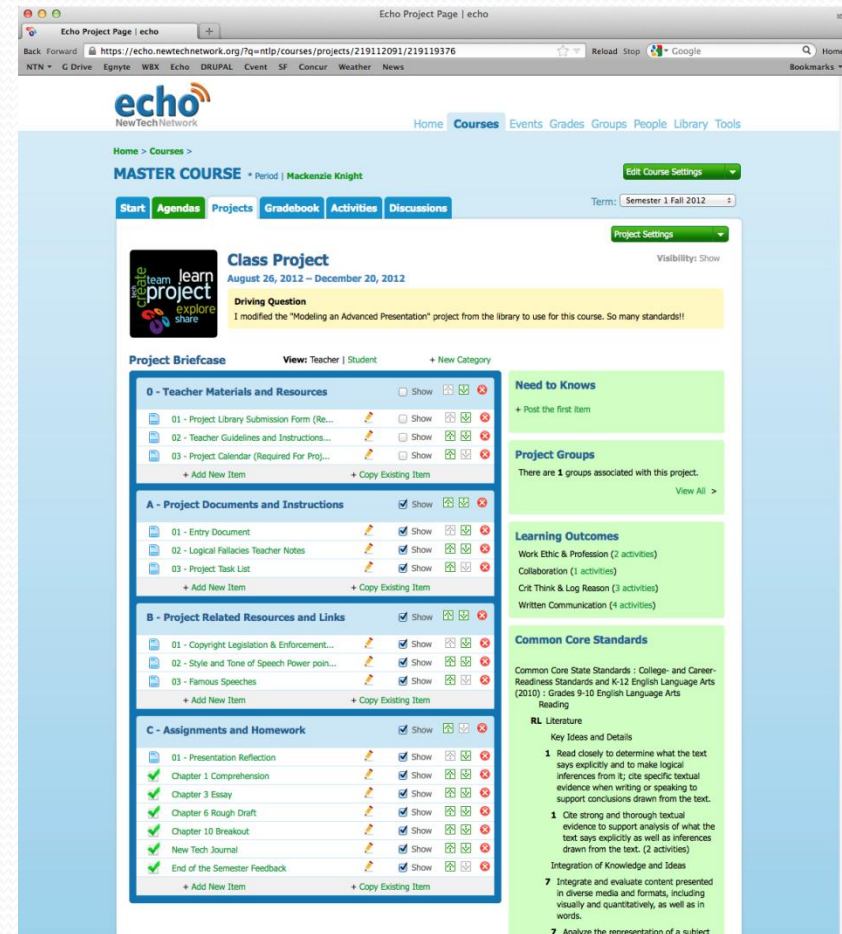
Maximizing Technology's Potential

# Best Practices Drive Successful Implementation

- Teaching and Technology Inform Each Other
- Teachers utilize technology to get the most out of their planning and instructional time
- Focuses on each student mastering the content and skills they need by using data to drive instructional choices
- Project Based Learning provides context to the learning

# Principal-Teacher Data Interactions

- Use LMS to monitor planning and grading
- Teachers share Critical Friends Feedback and Lesson Studies using GoogleDocs
- Utilize GoogleDrive to create virtual data walls shared among principal and staff

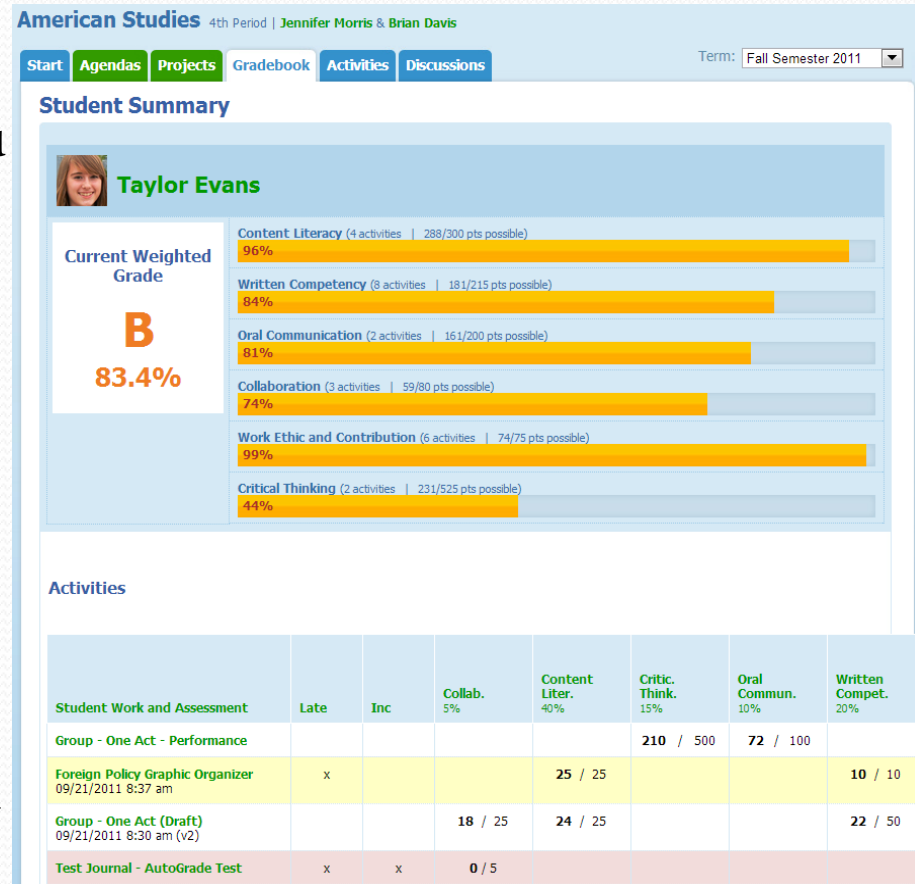


The screenshot displays the Echo LMS interface for a course titled "MASTER COURSE" by Mackenzie Knight. The page is organized into several sections:

- Class Project:** August 26, 2012 – December 20, 2012. A driving question is listed: "I modified the 'Modeling an Advanced Presentation' project from the library to use for this course. So many standards!!"
- Project Briefcase:** A central area with four main categories, each containing a list of items with icons for show, edit, and delete:
  - 0 - Teacher Materials and Resources:** Includes "01 - Project Library Submission Form (Re...", "02 - Teacher Guidelines and Instructions...", and "03 - Project Calendar (Required For Proj...".
  - A - Project Documents and Instructions:** Includes "01 - Entry Document", "02 - Logical Fallacies Teacher Notes", and "03 - Project Task List".
  - B - Project Related Resources and Links:** Includes "01 - Copyright Legislation & Enforcement...", "02 - Style and Tone of Speech Power poin...", and "03 - Famous Speeches".
  - C - Assignments and Homework:** Includes "01 - Presentation Reflection", "Chapter 1 Comprehension", "Chapter 3 Essay", "Chapter 6 Rough Draft", "Chapter 10 Breakout", "New Tech Journal", and "End of the Semester Feedback".
- Need to Knows:** A section for posting items.
- Project Groups:** Indicates there are 1 group associated with this project.
- Learning Outcomes:** Lists outcomes such as "Work Ethic & Profession (2 activities)", "Collaboration (1 activities)", "Crit Think & Log Reason (3 activities)", and "Written Communication (4 activities)".
- Common Core Standards:** Lists standards including "Common Core State Standards: College- and Career-Readiness Standards and K-12 English Language Arts (2010)" and "7 Analyze the representation of a subject".

# Teacher-Student Data Interactions

- Pre-Assessments are vital...know what the students already know so you can capitalize on individual strengths.
- Increases rigor for all students by teaching each student at the right level and not just aiming at the middle.
- Tracks improvement with frequent formative assessments
- Share among colleagues to find patterns and brainstorm solutions to problems



# Key Points

- Professional Development for teachers is key: technology should not be used as a glorified overhead or encyclopedia.
- Student training is vital: students need to develop good digital citizenship habits
- Choosing platforms that allow is access to and interpretation of data for teachers streamlines the instructional decision-making processes.
- Instructional best practices, while modified, still apply in a digital environment.