Title:
Measuring performance: Utilizing data to enhance in-class and at-home learning

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Abstract:
This presentation examines how data and information collected from a digital curriculum system is used to guide young learners, track progress, and share achievements with teachers and parents. At school, teachers use this courseware to deliver engaging and interesting classes, rewarding children for their participation and accomplishments. After class, students complete exercises, tasks, and quests assigned by their teachers based on content they are learning, either on the companion website or using pad-based learning apps. The data derived from the system is used to create a detailed learner profile, highlight strengths and weaknesses, recommend level-appropriate content, and track progress throughout the curriculum. Parents have access to their children's learning progress, photos, and sound recordings that teachers capture in class. Teachers use class-wide data to pinpoint difficult areas for review.