

FIGURE 1.3 ● Maximizing Technology for Learning

	ONLINE VERSIONS OF TRADITIONAL CLASSROOM PRACTICES	UTILIZE INSTRUCTIONAL TECHNOLOGY TO ENHANCE RIGOR AND PROMOTE MEANING-MAKING AND DISCOVERY
Math Example	The teacher records a screencast introducing the Pythagorean Theorem and explaining how it can be used to calculate the hypotenuse of a right triangle. The teacher then assigns several problems with figures of right triangles and asks students to calculate the hypotenuse for each one.	The teacher poses a question involving a quadrilateral backyard and provides rigorous prompts to facilitate discussion and online research, ultimately leading to students deriving the Pythagorean Theorem, developing an adjustable model, and applying it to solve the initial problem.
Social Science Example	The teacher directs students to an article and an online documentary film about important historical figures during the American Revolution and asks students to select one figure and write a short paper about their contribution. Students are expected to conduct their own research and include it in the paper.	The teacher asks students to research and identify several key factors that contributed to the outcome of the American Revolution. Students choose one figure from each side and prepare a short paper explaining the impact of that person. Then, student groups combine their summaries in an online, interactive format and share with the rest of the class. This can include video presentations, interactive maps, and virtual interviews with experts on the subject. Based on the group projects, students vote on the impactful figure and justify their selection.
Your example:		
Your example:		
Your example:		

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