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Kristi D. Jarman* (Kristi.Jarman@enmu.edu), Eastern New Mexico University, Department of Mathematical Sciences, Station 18, Portales, NM 88130. *Hybrids: They're Not Just Cars or Roses.*

Students in today's society are, as a whole, more technologically advanced than ever before. To reach these students and engage them in mathematics, we must focus on ways to combine technology with traditional teaching techniques. Luckily, thanks to the push for online mathematics classes, traditional classroom instructors have a wealth of resources available. It is now easier than ever before to engage the students inside and outside the classroom to enhance communication, conceptualization, and mathematical understanding. Hence, the "hybrid classroom" is evolving. Hybrid classrooms offer the best of both worlds. Students can be taught in-class using proven, traditional lecture techniques with technology incorporated as appropriate. Then, outside the classroom, students can enhance their learning with supplemental web-based systems, such as MathZone. Students are engaged through interactive tutorials, online homework and quizzing, and animated instructions for solving exercises. Other features include conceptual videos, application applets, and live, personalized tutoring services. Additionally, instructors benefit from the built-in grade book feature that combines automatic grading with the ability to view student activity on an individual basis. (Received September 03, 2007)