

1056-Z1-1750      **george rublein\*** ([gtrubl@math.wm.edu](mailto:gtrubl@math.wm.edu)), Department of Mathematics, College of William and Mary, Williamsburg, VA 23187-8795. *Science in the Mathematics Classroom*.

Can high-school teachers do applied mathematics, and should they ? We discuss a collection of problems designed for an 'intermediate' algebra course (Algebra 1 ) whose announced aim is an emphasis on applications. Our applications are entirely drawn from the syllabus for middle school science. Falling bodies, satellites, pH, and decay of therapeutic radio-isotopes are simple examples that illustrate the importance of algebraic skills to working scientists and technical people. Would time taken for these kinds of examples diminish scores on 'standard' algebra tests? (Received September 22, 2009)