

Don't Say Math in a Biology Class

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We shared how we integrate more math and problem-solving into a biology core class we offer in the Department of Biological Sciences, Purdue University. This one semester course (Biol 131A) covers the development, structure and function of organisms. It's typically taken by first year biology majors. We handed out a portion of this class's syllabus that covers the basic mathematics first year biology students need for succeeding in this class. We also discussed how we help our students improve their problem-solving skills. The take-home message was: introduce more math and problem-solving into your biology classes; just, don't say math in a biology class.