

Abstract Submitted
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What physicists can learn from Dominic of Osma JAMES “JC” SANDERS, University of Texas at Austin — It has long been known that different people have different styles of learning, and that different forms of teaching should be used to most effectively instruct these varying learning styles. However, physics instructors often have a “one size fits all” approach to teaching: there is only one right way to explain a concept, and only one right way in which a concept may be applied to solve a given problem. This problem may be solved by adapting methods of teaching used by Dominic of Osma. Dominic of Osma was well-known for having spent time amongst those whom he sought to teach and first learning from them before trying to teach. A practical method for employing this in the classroom is proposed here. Also presented are some early results from evaluations given to two introductory-level physical science classes: one in which this method was employed, and another in which it was not.

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