The New Sourcebook For Teaching Reasoning And Problem Solving In Junior And Senior High School

by Stephen Krulik Jesse A Rudnick

From the best-selling series of problem-solving books comes this invaluable hands-on resource for secondary school teachers. It's a two-fold tool that lets teachers first educate themselves about teaching and evaluating reasoning and problem solving and then to quickly introduce reasoning and problem solving challenges to their students. Packed with classroom-tested. With this handbook you can give your students the problem solving and reasoning skills they need to take with them as they leave the classroom and enter the real world. Packed with classroom-tested, hands-on materials including over 200 reproducible pages and black-line masters plus practical, ready-to-use suggestions for practice, evaluation, and diagnostic assessment of reasoning and problem-solving skills, this is the ideal tool for ensuring problem-solving success. Krulik, S. and Rudnick, J. (1996) The New Sourcebook for Teaching Reasoning and Problem Solving in Junior and Senior High Schools. Allyn and Bacon, Boston, MA. has been cited by the following article ABSTRACT: The problem solving competency is the primary goal in all mathematics education curricula. It is acquired by solving mathematical problems belonging either to routine or non-routine category. Relationships between Shoulder Injuries during Throwing Motions and the Range of Motions in Junior and Senior High School Baseball Players. Tomoyuki Matsui, Toru Morihara, Machiko Hiramoto, Yoshikazu Azuma, Kazuya Seo, Yoshihiro Kai, Shuhei Morifusa, Teruo Nomura, Noriyuki Kida. DOI: 10.4236/ape.2019.91001 196 Downloads 317 Views Citations.
A handbook for secondary school teachers providing suggestions for teaching and testing problem-solving and reasoning; some 100 practice problems with discussion; and problems that can be used for evaluation and diagnostic assessment. The last two sections include ample black-line masters for photo. He is the author or co-author of more than 20 books for teachers of mathematics, including Assessing Reasoning and Problem Solving: A Sourcebook for Elementary School Teachers.