

**ZMATH 2016a.00242**

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**Educating for the future: an outsider's view of South Korea mathematics education.**

Kim, Jinho (ed.) et al., Mathematics education in Korea. Volume 2: Contemporary trends in researches in Korea. Hackensack, NJ: World Scientific (ISBN 978-981-4525-71-8/hbk; 978-981-4525-73-2/ebook). Series on Mathematics Education 11, 171-190 (2015).

Summary: This chapter provides observations about challenges and opportunities regarding the strengths of South Korea mathematics education program. The challenges and opportunities discussed are aligned with findings of an ongoing study of Korean elementary teachers' mathematical knowledge for teaching mathematics. The major argument is that current reform-based instruction is to educate for the future and not the present. Three qualities of the current reform movement support this argument: retooling teaching and learning to develop creativity, problem solving and communication.

*Classification:* D20 D30 D40 D50 C50 B50

*Keywords:* educational programs; directions in mathematics education; reform-based instruction; educational reforms; curriculum; problem solving; communication; learning technologies; professional development  
doi:10.1142/9789814525725\_0011