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The language of quantification in mathematics instruction.

Stiff, Lee V. et al., Developing mathematical reasoning in grades K-12. National Council of Teachers of Mathematics, Reston, VA (ISBN 0-87353-466-2). 188-197 (1999).

At the heart of mathematical discourse are words referring to quantity: all and some, along with variations such as every, any, and no. In order to work effectively with such statement, students need to have a sense for their logical form. The author discusses reasons why students have problems with such statements and provides suggestions to overcome them in the mathematics classroom.

Classification: E40