1021-97-135 **Roger Howe\***, Department of Mathematics, Yale University, PO BOX 208283, New Haven, CT 06520. The Mathematics Standard Study Group.

For the past three summers, mathematicians and mathematics educators (including teachers, administrators, and mathematics education researchers) have been meeting in Park City, Utah, to clarify the mathematical issues in key topics in K-12 math instruction. It is hoped that the work coming out of these meetings can help improve, for example, teacher preparation. This talk will summarize the work so far. (Received September 01, 2006)