

1057-97-196

Bill Haver* (whaver@vcu.edu), Department of Mathematics, Box 2014, Virginia Commonwealth University, Richmond, VA 23284. *Collaboration in K-12 Mathematics*. Preliminary report.

The report includes some observations of a mathematician working with K-12 teachers: advantages of starting with calculus and moving down the K-12 curriculum; addition of K-12 teachers to the mix helps mathematicians and mathematics educators work together; collaboration is essential, fun and trying. Report concludes with description of a collaboratively developed masters level program to prepare elementary school teachers to serve as mathematics specialists and coaches of other teachers. Treatment/control research has shown that the use of coaches results in significant improvement in student learning. (Received January 22, 2010)