

The following reference list includes readings that highlight enriched ways of problem solving. These readings were originally accessed through an article by Nancy J. Vye, Susan R. Goldman, James F. Voss, Cindy Hmelo & Susan Williams entitled, "Complex Mathematical Problem Solving by Individuals and Dyads".

Vye, N., Goldman, S., Voss, J., Hmelo, C., Williams, S., & Cognition and Technology Group at Vanderbilt. (1997). Complex Mathematical Problem Solving by Individuals and Dyads. *Cognition and Instruction*, 15(4), 435-484. Retrieved from <http://www.jstor.org/stable/3233775>

**Ball, D. L., & Rundquist, S. S. (1993). Collaboration as a context for joining teacher learning with learning about teaching. In D. K. Cohen, M. W. McLaughlin, & J. E. Talbert (Eds.), *Teaching for understanding: Challenges for policy and practice* (pp. 13-42). San Francisco: Jossey-Bass.**

**Cobb, P., Wood, T., & Yackel, E. (1991). Analogies from the philosophy and sociology of science for understanding classroom life. *Science Education*, 75,23-44.**

**Cobb, P., Wood, T., Yackel, E., & McNeal, B. (1992). Characteristics of classroom mathematics traditions: An interactional analysis. *American Educational Research Journal*, 29,573-604. *Cognition and Instruction*, 13, 565-582.**

**Lampert, M. (1990). When the problem is not the question and the solution is not the answer: Mathematical knowing and teaching. *American Educational Research Journal*, 27, 2943 ,**

**Resnick, L. B., Bill, V. L., Lesgold, S. B., & Leer, M. N. (1991). Thinking in arithmetic class. In B. Means, C. Chelemer, & M. S. Knapp (Eds.), *Teaching advanced skills to at-risk students* (pp. 27-53). San Francisco: Jossey-Bass.**

**Wood, T., & Yackel, E. (1990). The development of collaborative dialogue within small group interactions. In L. P. Steffe & T. Wood (Eds.), *Transforming children's mathematics education: International perspectives* (pp. 244-252). Hillsdale, NJ: Lawrence Erlbaum Associates, Inc.**

**Wood, T., Cobb, P., & Yackel, E. (1992). Change in learning mathematics: Change in teaching mathematics. In H. H. Marchall (Ed.), *Redefining student learning: Roots of educational change* (pp. 177-205). Norwood, NJ: Ablex.**