Amanda Katharine Serenevy* (amanda@riverbendmath.org), 1021 Queensboro, Mishawaka, IN 46544. Riverbend Community Math Center – Promoting mathematical thinking in local elementary and middle schools. Preliminary report.

The Riverbend Community Math Center is a relatively new non-profit math outreach organization serving north-central Indiana. Over the past several years, we have cultivated working relationships with several local school districts. We are currently building on those relationships to help launch district-wide initiatives that promote mathematical thinking at the elementary and middle school levels. These initiatives include encouraging the adoption of a curriculum that facilitates mathematical conversations, introducing teachers to a new approach to problem solving that promotes student autonomy, partnering with educational psychologists to educate teachers about essential motivation-related pedagogical techniques, introducing teachers to guided inquiry and project-based learning approaches to instruction, and improving the content knowledge of teachers at all age levels. (Received September 19, 2009)