How can literacy strategies support students’ numeracy success?
Rice University School Mathematics Project
Fall Networking Conference
September 15, 2018

Concerns:

- Gaps in basic skills
- Listening skills are lacking
- Do not understand basic mathematics language

Suggestions/Recommendations:

- Summer programs to help bridge gaps in basic skills
- Writing in the mathematics classroom
- Variety of problem solving activities
  - Focus on main idea
  - Use numberless problems
  - Cut problems apart to be reorganized by students
- Student vocabulary skills development
  - Repeat definitions
  - Practice saying new vocabulary
  - Use correct mathematics vocabulary in class
  - Use word walls
- Read-Alouds
- Sentence Completion activities (Teacher starts, student finishes)
- Emphasis on students use of complete sentences in oral and written communication