

'Round the Rug Math in the Challenge Program

'Round the Rug Math: Adventures in Problem Solving uses oral storytelling that develops spatial mathematics learning. The program is funded by the National Science Foundation. It also meets NCTM 2000 Standards and NAEYC Guidelines.

Based on the most current research, each *'Round the Rug Math* book focuses on different mathematical concepts. *'Round the Rug Math* encourages children to share mathematical thinking and strategies through pictures, constructions, manipulatives, words, and numbers.

Currently, each CCPS elementary Challenge program has three *'Round the Rug Math* kits:

- *Sneeze Builds a Castle*
- *Teeny Visits Shapeland*
- *Tan and the Shape Changer*

Typically, *Sneeze Builds a Castle* and *Teeny Visits Shapeland* are used in kindergarten classes in collaboration with the kindergarten teacher and para professional. *Tan and the Shape Changer* is usually used in first grade classes although it can also be used in kindergarten.

Sneeze Builds a Castle develops spatial relationships and spatial sense through building with blocks. *Teeny Visits Shapeland* emphasizes shape attributes, classifying, sorting and representing 2 D and 3 D shapes. *Tan and the Shape Changer* shows part/whole relationships using mathematical puzzles.

As part of each kit, family letters are sent home and assessment forms are used to evaluate student progress.

Some schools have purchased other kits in the *'Round the Rug Math* program which can be used in grades 1-2: *Layla Discovers Secret Patterns*, *Froglets Do the Measuring*, and *Finding Mathapotomus*.