



## First Grade

The components of the First Grade Mathematics program are *Investigations in Number, Data, and Space* and *Number Corner*.

“*Investigations in Number, Data, and Space* is a K-5 mathematics curriculum designed to engage students in making sense of mathematical ideas. Six major goals guided the development of this curriculum. The curriculum is designed to:

- Support students to make sense of mathematics and learn that they can be mathematical thinkers.
- Focus on computational fluency with whole numbers as a major goal of the elementary grades.
- Provide substantive work in important areas of mathematics- rational numbers, geometry, measurement, data, and early algebra- and connections among them.
- Emphasize reasoning about mathematical ideas.
- Communicate mathematics content and pedagogy to teachers.
- Engage the range of learners in understanding mathematics.

Underlying these goals are three guiding principles:

1. Students have mathematical ideas.
2. Teachers are engaged in ongoing learning.
3. Teachers collaborate with the students and curriculum materials.”

*Pearson Education, K-5, 2008*

“*Number Corner* complements the instruction in *Investigations*. The *Number Corner* lessons and routines revolve around the classroom calendar. There are three daily routines- calendar grid, a Days This Month Chart, and the Days in School Chart. Additionally, concepts involving money, time, temperature, tallying, addition and subtraction, sorting and patterning, geometry and fractions are built upon throughout the year.”

*Number Corner, First Grade 2000*

Website for Investigations: <http://investigations.terc.edu/>

Website for Number Corner: <http://www.mathlearningcenter.org/curriculum/elementary/number-corner.asp>

[Grade One Expectations](#)