



Fifth Grade

The components of the Fifth 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

Website for Investigations: [http://investigations.terc.edu/Grade Five Expectations](http://investigations.terc.edu/Grade%20Five%20Expectations)