



# Investigations

in Number, Data, and Space®

---

## Grade 4 Components

In order to teach the Grade 4 curriculum, a teacher needs the Core Curriculum Package, Student Activity Books, and the Grade 4 manipulatives. The following describes all of the components available in Grade 4.

The **Core Curriculum Package** includes:

- The following nine **Curriculum Units**, each of which offers from 3 to 5 weeks of work, focused on the area of mathematics identified in the subtitle.
  - *Factors, Multiples, and Arrays* (Multiplication and Division 1)
  - *Describing the Shape of the Data* (Data Analysis and Probability)
  - *Multiple Towers and Division Stories* (Multiplication and Division 2)
  - *Size, Shape, and Symmetry* (2-D Geometry and Measurement)
  - *Landmarks and Large Numbers* (Addition, Subtraction, and the Number System)
  - *Fraction Cards and Decimals Squares* (Fractions and Decimals)
  - *Moving Between Solids and Silhouettes* (3-D Geometry and Measurement)
  - *How Many Packages? How Many Groups?* (Multiplication and Division 3)
  - *Penny Jars and Plant Growth* (Patterns, Functions, and Change)
- **Implementing Investigations in Grade 4**, a book that helps teachers get started and provides useful ongoing support.
- A teacher **Resources Binder**, available in English or Spanish, that contains all of the transparencies and reproducible Resource Masters that support classroom instruction, in hard copy and on a CD. It also includes a CD with the *LogoPaths* software for grades 3-5.

**Student Activity Books** contain all of the consumable pages for student work (e.g. activity sheets, recording sheets for math games, practice pages, and homework sheets) by individual unit or for the entire year. Available in English and Spanish.

The **Manipulatives Kit** includes all of the student and overhead manipulatives needed for a class of 32 students. The **Completer Kit** includes *only* materials new to the 2<sup>nd</sup> Edition. The Grade 4 **Manipulatives Kit** includes the following:

- Connecting cubes (1000)
- Power Polygons (2 sets of 450) \*
- Geoboards and rubber bands (2 sets of 10) \*
- Geometric solids (4 sets of 12) \*
- Beginner rulers (2 sets of 12) \*
- Metersticks (8) \*
- Color tiles (2 sets of 400) \*
- Overhead color tiles (48) \*
- Transparent counters (250) \*
- Coins (2 sets of 96)
- Blank cubes (2 sets of 36) \*
- Class Number Line \*

\*Starred items are new to the 2<sup>nd</sup> Edition, and make up the Grade 4 **Completer Kit**.

Optional materials at Grade 4 include:

- A **Cards Package** that provides manufactured decks of the most-used card sets. (These can also be made from Masters in the Resources Binder.)
  - Digit Cards (16 sets of 19)
  - Array Cards (16 sets of 77)
  - Decimal Cards (16 sets of 19)
  - Multiple Cards (16 sets of 112)
- A **Student Math Handbook** for each student and/or several for the classroom. This hardcover book, which illustrates math words and ideas and provides game directions, is also available online. Available in English and Spanish.
- A **Spanish Teaching Companion** that presents vocabulary, teacher dialogue, and instructions in Spanish. It includes one page of support per Session.
- An **Answer Key**.
- A **Student Resources Online Access Pack** that provides access to math words, ideas, and games, as well as *LogoPaths* student software. Available in English and Spanish.
- A **Teacher Resources Online Access Pack** that provides access to downloadable student software, Resource Masters, Online Activities, an Online Lesson Planner, and more classroom resources. Available in English and Spanish. Other digital resources from Pearson include **Success Tracker Online Access Pack** (Building Administrator or Teacher Edition) and **Examview Assessment Suite CD-Rom**.

**Note:** All of the above materials are only available through Pearson, the publisher of *Investigations*. Call 1-800-552-2259 or visit [pearsonschool.com/investigations](http://pearsonschool.com/investigations).