

Second Grade Mathematics

All second grade students have opportunities to participate in activities that develop mathematical concepts. Reasoning ability develops through actual manipulation of objects in real life experiences. The major areas of emphasis for second grade are:

- Understanding place value and number relationships in addition and subtraction.
- Using simple concepts of multiplication.
- Measuring quantities with appropriate units.
- Classifying shapes and relationships among shapes by geometric attributes.
- Collecting and analyzing data and verifying the answers.

Houghton Mifflin Mathematics Suggested Pacing Chart

The pacing charts are meant as a guide to assist the classroom teacher in developing a year - long plan for an effective mathematics program. It is important that all topics be covered to ensure that students have the opportunity to experience the mathematics concepts adopted by the State Board of Education in the *Mathematics Framework for California Public Schools*.

Consideration has been given to the school calendar and the timing dates are approximate. As with all curriculum, chapter pacing will vary with different classes, and this chart is only meant as a guide.

Chapter	Topic	Page	Days	Suggested Year Timing
1.	Addition and Subtraction Facts	1	18	August - September
2.	Numbers and Patterns to 100	57	14	September - October
3.	Data and Graphing	103	10	October
4.	Money	141	14	October - November
5.	Adding Two-Digit Numbers	187	18	November – December
6.	Subtracting Two-Digit Numbers	243	18	December – January
7.	Geometry, Fractions, and Probability	299	17	January – February
8.	Multiplication and Division	351	17	February – March
9.	Measurement	405	15	March – April
10.	Time and Calendar	455	12	April
11.	Numbers and Patterns to 1000	497	15	May
12.	Adding and Subtracting Three-Digit Numbers	545	14	May - June