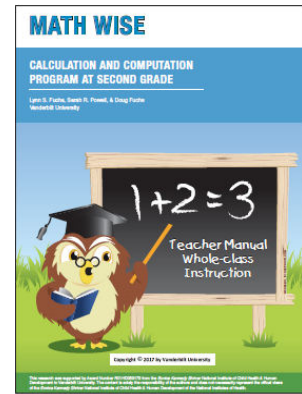


## PROGRAM BASICS

### Math Wise Calculation and Computation at 2<sup>nd</sup> Grade Developed at Vanderbilt University



#### A. Key Implementation Criteria:

1. Whole class instruction at 2<sup>nd</sup> Grade.
2. All teacher-directed lessons prepared as scripts to help convey information and instruction to the class.
3. Following teacher-directed lessons, the students work together in assigned pairs to practice calculation and computation skills.
4. Pairs are reassigned every 4 – 6 weeks.
5. 34 lessons, 17 week implementation schedule.
6. 45 minute sessions, 2 times a week.

#### B. Program Skills:

1. Calculations with single- and double-digit addition and subtraction with and without regrouping.

#### C. Benefits:

1. Motivates students to be better in math
2. Involves all students.
3. Gives lower-performing students an opportunity to play an important role in a valued activity.
4. Fosters positive and productive peer interactions.
5. Reinforces math skills needed for solving a problem.

#### D. Costs:

1. Math Wise Manual Unit Price: \$55.00

#### E. Student Rewards / Recognition:

1. Students earn the opportunity to lead specific assignments based on the total points awarded. Students award themselves points by answering questions correctly on the Time Owl and the Practice Sheet. The Teacher awards points for pairs who are following the Partner Rules.
2. Pairs working well together are recognized as Partners of the Day and earn a reward (i.e., special pencil).