



Math Strategies First Grade

NOTE: As the child is sharing his/her thinking the teacher will use labels to name the strategies the child used during a number talk. The follow are strategy terms most often used at this grade level as students are developing mathematically. Please remember that it is **not about specifically teaching** these strategies rather it is about **naming the strategies** for students to think of their own work.

Key: Previous year = regular font, **Current year = Bolded font**

- Counting all
- Counting on
- Counting back
- Instant Recognition of Groups
- One more, one less
- Just Know (basic facts)
- Combinations to 5, **10**
- **Rearranges numbers (Ex: $4+2$, moves 1 from 4 to make $3+3$)**
- **Doubles**
- **Doubles plus one**
- **Doubles plus two**
- **Doubles minus one**
- **Doubles minus two**
- **Fact Families**
- **Commutative Property (aka Turn Around Facts)**
- **Sequence Counting by 2s, 5s, 10s (aka Skip Counting)**
- **Adding 10**
- **Subtracting 10**
- **Use a Number Line to add or subtract**
- **Ten Frames**
- **Sums to Ten**
- **Add the Tens and then the Ones**
- **Estimation**
- **Visualize Place Value Blocks**

For examples of these number-talk strategies, see page 42 of the Math Perspectives white Professional Development book. For general information about how to do number talks, see pages 44-57 of the same book.