# THINKING WITH NUMBERS
## Lesson Descriptions

**Use Nice Numbers**

Each of the reasoning strategies for basic facts can be extended to mental math for use with larger numbers.  Nice numbers, whether they are multiples of ten or other known facts, can also be used as known facts because adding and subtracting with them is easy.  For example, to solve the problem 39 + 28, you can add 40 + 28, then adjust by subtracting 1.  To solve 72 – 48, you can subtract 72 – 50, then adjust by adding 2 more.  Any known fact can be used, multiples of ten and twenty-five are commonly used with larger numbers.  These strategies enable children to solve problems with larger numbers mentally.

Expected content outcomes include helping children learn:
- to make sense of using known nice numbers to add and subtract mentally,
- to recognize that using known nice numbers is strategically efficient when the known fact is close to the problem, and
- to become proficient in using nice numbers to add and subtract mentally.