

# THINKING WITH NUMBERS

## Lesson Descriptions

### Base Ten Blocks

Base ten blocks are a common and useful tool to represent numbers greater than ten. These lessons encourage children to make sense of two- and three-digit numbers in terms of tens and ones or hundreds, tens, and ones. These representations are useful for many computational procedures involving comparing, estimating, and adding and subtracting.

Expected content outcomes include helping children learn:

- to recognize and represent numbers with base ten blocks,
- to understand the ten times relationship between ten and ones, and between one hundred and tens,
- to understand how numbers are related to nice numbers (multiples of ten),
- to represent addition by putting tens and ones together to make a whole, and
- to represent subtraction by decomposing the whole into tens and ones then separating.

