

THINKING WITH NUMBERS

Lesson Descriptions

Number Patterns

These lessons will help children recognize common number patterns without having to count each time. For example, the domino pattern for five can easily be recognized without counting. By looking for parts of this configuration, children will recognize that there are 4 corner dots and 1 in the middle (4 and 1 make 5), there are 3 dots on a diagonal and 2 other dots on either side, (3 and 2 make 5). These patterns can help children make sense of the partitions of numbers.

Expected content outcomes include helping children learn:

- to recognize numbers in common patterns without counting,
- to recognize parts within the pattern, and
- to put parts together to make a whole, and
- to decompose the whole into parts.

