

THINKING WITH NUMBERS

Lesson Descriptions

Make A Number

Children will add on to a number to make a given number. The five frame provides structure to help children know how many empty boxes there should be and how many more are needed. The joining action will begin to help children make sense of addition and the plus sign. If you have 3 and want to make 4, 1 more is needed. There will be 1 empty box to make 4. One more than 3 will leave 1 empty box, so 3 and 1 make 4. Joining 3 and 1 can be represented by using the parts and plus sign; $3 + 1$. The equals sign will be introduced later. The part-part-whole diagram will reinforce the partitions of numbers.

Expected content outcomes include helping children learn:

- to put parts together to make a whole,
- to recognize parts within the whole,
- to represent joining by using addition, and
- to use numbers and the plus sign to represent addition.

