

Three Year Olds

Mathematical Thinking

- Shows interest in solving mathematical problems.
- Shows curiosity and interest in counting and numbers.
- Sorts objects into subgroups that vary by one attribute.
- Identifies several shapes.
- Shows understanding of several positional words.
- Shows understanding of some comparative words.
- Participates in measuring activities.

Four Year Olds

Mathematical Thinking

- Begins to use simple strategies to solve mathematical problems.
- Shows beginning understanding of number and quantity by using concepts that include counting, number recognition, and one to one correspondence.
- Sorts objects into subgroups that vary by one or two attributes.
- Recognizes simple patterns and duplicates them.
- Begins to recognize and describe the attributes of shapes.
- Shows understanding of and uses several positional words.
- Orders, compares, and describes objects according to a single attribute.
- Participates in measuring activities.
- Constructs a sense of time through participation in daily activities.
- Represents data using concrete objects, pictures, and graphs.