

Math Lesson Plans
VA Foundation Blocks : Math

I. Number and Number Sense

1. Count 20 or more
2. Count a group (set/collection) of three to five objects by touching each objects as it is counted and saying the correct number (one to one correspondence)
3. Count the items in a collection of one to five items and know the last counting word tells how many
4. Compare two groups (sets or collections) of matched objects (less than five) and describe the groups using the terms more, fewer or some

II. Computation

1. Describe changes in groups (sets/collections) by using more when groups of objects (sets) are combined (added together)
2. Describe changes in groups (set/collections) by using fewer when groups of objects (set) are separated (taken away)

III. Measurement

1. Recognize attributes of length by using terms longer or shorter when comparing two objects
2. Know the correct names of the standard tools used for telling time and temperature, and measuring length , capacity , and weight (clocks, calendars, and scales
3. Use appropriate vocabulary when comparing temperatures e.g. hot, cold
4. Use appropriate vocabulary when describing duration of time, e.g. hour, day, week, month, morning , afternoon, night, day

IV. Geometry

1. Match and sort shapes (circle, triangle, rectangle, and square)
2. Describe how shapes are similar and different
3. Recognize shapes (circle, triangle, rectangle, and square) by pointing to the appropriate figure when the teacher names the shape.
4. Describe the position of objects in relation to other objects and themselves using the terms next to, beside, above, below, under, over, top, and bottom.

V. Data Collections and Statistics

1. Collect information to answer questions of interests to children
2. Use descriptive language to compare data in objects and picture graphs by identifying which is more, fewer, or the same.

VI. Patterns and Relationships

1. Sort and classify objects according to one or two attributes (color, size, shape and texture)
2. Identify and explore simple patterns. i.e. AB, AB; red , blue, red ,blue
3. Use patterns to predict relationships between objects (i.e. blue shape, follows the yellow shape, the triangle follows the square.