Vermont Early Learning: Mathematics

Older Toddlers

Number Sense, Quantity, and Counting

1a Number Sense and Quantity

Children count in sequence, recognize numerals, connect numerals with quantities, and compare quantities.

1 Recite numbers to 5 in sequence with few errors

2 Count up to 5 objects using one number for each object with assistance and support

3 Recognize some numerals in the environment

4 Use the word more to identify the larger of two groups, and less for smaller groups.

Number Relationships and Operations

2a Number Relationships and Operations

Children increasingly use numbers to describe relationships and to solve mathematical problems.

1 Use mathematical thinking in daily situations (e.g., hold up 2 fingers when asked how old, ask for and take 2 cookies)

2 Add more objects to a group to make a bigger set (e.g., add more model cars to a pile to have more cars)

3 Subtract objects from a set and realize have fewer objects (e.g., shares model cars with friend and notices has fewer)

Measurement, Classification and Data

3a Measurement, Comparison, Classification, and Time

Children develop awareness of the differences of the objects and learn to sort, compare and classify objects by their attributes and properties. They also develop a rudimentary sense of time based mostly on common routines.

1 Sort objects by one attribute (e.g., color)

2 Use language to describe attributes (e.g., big/little, heavy/light)

3 Compare and order a small set of objects

4 Identify daily routines and what comes next

5 Use simple terms related to time (e.g., now, tomorrow, yesterday, later)

Ge Re **Geometry and Spatial Sense**

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Children increasingly recognize two- and three-dimensional objects and use spatial reasoning.

1. Follow simple directions related to position (e.g., in, on, up) and proximity (e.g., next to, between)
2. Match basic two-dimensional shapes of same size
3. Create pictures using simple shapes (e.g., using pattern blocks or parquetry blocks)
4. Put together and take apart shapes to form new shapes
5. Build simple three- dimensional structures (e.g., stacking blocks)
6. Complete 9-12 piece non- connecting puzzles by matching pictures or shapes