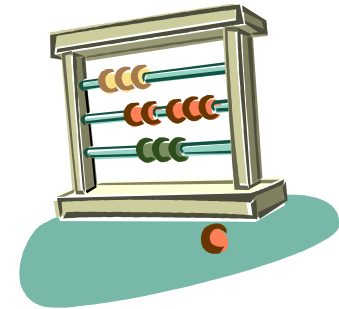


## Work with Patterns and Relationships

- Develop understanding of before and after
- Use relationship vocabulary near, far, above, below and next to
- Develop understanding of a sequence using first, next, and last
- *Recognize, describe, complete, create and record* patterns
- Find the missing pattern pieces or numbers from a sequence (1,2,\_,4,5 or  $\Delta, O, \Delta, O, \_, O$  What's missing?)
- Develop understanding of change over time (growth in animals or plants)

## Work with Data

- *Interpret* data from models, charts, or graphs to answer questions
- *Describe* data using more, less, or equal
- *Make observations* about data



## PARENT RESOURCE

## Kindergarten Mathematics

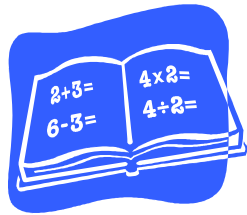
▶ Hartford School District

Hartford School District  
73 Highland Ave  
White River Junction, VT 05001

Phone: 802-295-8600  
Fax: 802-295-8602

## ► Kindergarten Mathematics

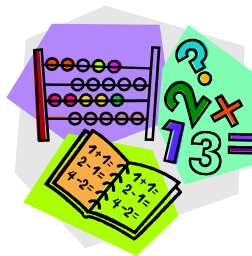
The goal of Kindergarten mathematics instruction is for all student to achieve mathematical proficiency.



The end result is the ability to think and reason mathematically and use mathematics to solve problems. The following outline provides an overview of what students should know and be able to do by the end of Kindergarten.

### Work with Numbers

- Numbers 0-20
- *Recognize* numbers
- *Count*, and *match* objects and pictures to numbers
- *Compare* pictures or numbers to determine which is more or less
- *Sequence* numbers
- Add and Subtract simple problems using pictures and objects



### Work with Shapes and Measurement

- *Identify, label, and draw* circles, squares, triangles and rectangles
- *Sort and classify* objects by length, width, height, or weight
- *Recognize and name* pennies, nickels, dimes and quarters
- Identify appropriate tools used to measure length, temperature, and weight (ruler, yardstick, thermometer, and scale)