



West Linn-Wilsonville Schools

**Educational
Program**

KINDERGARTEN

**Skills, Concepts and Processes
for Learning**

Revised July 2002

The Child as a Learner and Member of the Community

KINDERGARTEN

Learner

Children develop lifetime habits that sustain the joy of learning. As learners, kindergarten children:

- develop patience and persistence
- develop capacity to attend to a task
- take care of tools and put materials where they belong
- accept constructive direction
- take intellectual risks
- set goals and use time wisely

Community Member

As contributing members of the learning community, children's interactions are characterized by honesty, integrity, respect, and responsibility. In learning, service, and leadership, kindergarten children:

- share ideas, information, and materials
- respect others' property, ideas, differences, and right to learn
- contribute to the problem-solving process
- begin to take ownership for behavior and learning

ENGLISH / LANGUAGE ARTS

KINDERGARTEN

Reading

Children construct meaning from print. As developing readers, kindergarten children:

- realize that print has a constant fixed meaning
- understand directionality of print
- understand the concept of letters and words
- recognize some environmental print and common words (signs and common symbols, i.e., stop, railroad crossing)
- recognize and retell the sequence of a story or event
- predict outcomes
- identify setting and characters
- compare and contrast versions of a story
- uses context and visual cues
- relate new ideas and information to previous experience and knowledge
- discriminates between same and different shapes and letters
- identify letter names, sounds, and case differentiation
- demonstrate knowledge of sound-symbol relationships (phonetics)
- recognize language patterns (rhyme, word patterns)

- appreciate and experiment with rhyme and rhythm in language
- identifies basic sight words, root words, prefixes and suffixes
- formulate and express a personal reaction to a variety of readings

Writing/Speaking/Listening/Dramatic Interpretation

Children construct meaning in oral and written communication, movement, and drama. As developing communicators, kindergarten children:

- demonstrate fine and gross motor skills
- use writing and drawing as tools for learning
- progress from scribble writing to some symbols for words and sounds
- write own name
- begin to notice spacing
- attempt correct letter formation (upper and lower case)
- use left to right direction
- work toward the production of correct speech sounds and grammatical structures
- use appropriate volume, rate, gestures, and inflections
- interpret poetry and drama orally and in movement
- use appropriate listening and audience skills
- attend to non-verbal messages
- participate appropriately in group discussions
- express feelings, knowledge, and ideas orally, in writing, and in pictorial and dramatic forms
- expand vocabulary to include rare and unusual words

Research

Children learn about their world through questions, gathering data, and creating and communicating meaning. As researchers, kindergarten children:

- distinguish stories and explanations from questions
- ask questions that lead to investigation
- experiment with objects and explore data sources to find information
- sort information
- alphabetize to the first letter
- express ideas and information in oral, pictorial, dictated, written, artistic, and dramatic forms
- participate in guided discussion about process and product

MATHEMATICS

KINDERGARTEN

Children manipulate concrete objects and describe their thinking to prepare for basic computation and mathematical reasoning. As mathematicians, kindergarten children:

solve problems

- describe and use the many attributes of an object to sort and re-sort
- identify, copy, extend, create, and describe patterns
- use manipulatives to join or separate groups (add and subtract)

communicate mathematically

- count, write and communicate using numbers to twenty
- invent and share strategies for computation and problem-solving

reason mathematically

- explain and justify answers
- use estimates to identify "reasonableness" of an answer

make mathematical connections

- recognize vocabulary associated with time and the calendar

estimate

- recognize and use the vocabulary of "more/less" and "same as"

demonstrate number sense/place value

- count to identify the number of objects in a set
- represent, describe, and compare numbers to 10
- count by 1's to 100
- estimate and count collections of objects
- demonstrate 1-to-1 correspondence, one number per object
- write numerals 0 to 9

compute whole numbers

- represent sets using objects, language, pictures, or symbols
- recognize and create real world addition and subtraction problems
- develop strategies for addition and subtraction

demonstrate understanding of geometry and spatial sense

- describe and identify geometric shapes and solids
- use appropriate language to describe relative position in space

measure

- estimate and measure objects to determine which is heavier/lighter, holds more/less, is longer/taller/shorter
- use and compare non-standard units of measurement in length, volume, weight, and time
- use the terms "more," "less," and "equal to"

use statistics and probability

- create and interpret graphs
- develop and implement plans for collecting and analyzing data to answer questions

SOCIAL/SCIENTIFIC STUDIES

KINDERGARTEN

Social Studies: Me and My World

- Me, My Family and School
- People: Same and Different/Continuity and Change
- Where am I? / What are Symbols?

Science: Scale and Structure

- Properties of Matter
- Day and Night
- Plants and Animals
- Your Senses
- Safety

Children develop understanding of broad-based concepts through first-hand investigations, inquiry, perspective taking, the stories of predecessors and contemporaries, and a commitment to serve the global community. As social/scientific investigators, kindergarten children:

- formulate rules that help people stay safe and get along with each other
- recognize that people have rights and responsibilities
- create representations of actual places
- gather information from charts and graphs
- participate in classrooms as a member of a group
- identify one's own uniqueness and similarity to other group members
- understand and apply notions of order, change, pattern, and cycle to observations and experiments
- use the investigative processes of inquiry, observation, research, analysis, and communication
- participate in problem solving and decision making around current, significant issues

THE ARTS KINDERGARTEN

Children develop lifelong artistic dispositions through drama, art, music, dance, and cinema. By developing artistic discipline children learn the value of focus, concentration, practice, poise, confidence, and the importance of working well both individually and in a group.

As visual artists, kindergarten children:

- identify and describe shapes, lines, and colors in the environment and in works of art
- recognize characteristics of studied artists
- express feelings and ideas about the art of others and their own
- use a variety of art as means of expression

As musicians, kindergarten children:

- develop memory and vocal control for singing songs
- perform music from many cultures
- produce a steady beat
- experiment with instrumental sounds

PHYSICAL EDUCATION KINDERGARTEN

Children engage in activities that contribute to social, intellectual, emotional, and physical development and that enhance and enrich understandings of other curricular areas. In working toward lifelong habits of health and fitness, kindergarten children:

- participate in active leisure activities (locomotor skills and movement)
- demonstrate cooperation
- use eye-hand/foot coordination
- demonstrate balance
- coordinate large muscle movement
- demonstrate basic locomotor skills

- participate safely in group setting with respect for the space, needs, and characteristics of others
- identify the physical effects of moderate to vigorous exercise on their own body

HEALTH AND SAFETY

KINDERGARTEN

Health Studies in Kindergarten and Grade 1

Children begin to make healthy choices that will become habits. As consumers and citizens, kindergarten children:

- explore the five senses
- identify safe and healthy choices
- demonstrate fire, earthquake, bus, and pedestrian safety
- deal safely with germs, injuries and body fluids

TECHNOLOGY

KINDERGARTEN

Children use technology as a tool for learning. Kindergarten children will begin to:

- demonstrate proper use and care of computers and other audio-visual equipment
- use a variety of electronic resources (including CD ROMs and computer software) to enhance learning and access information
- use computers to express ideas with drawing and word processing software

West Linn-Wilsonville Schools

PRIMARY SCHOOLS

Boeckman Creek Primary School 503-673-7750
6700 SW Wilsonville Road; Wilsonville, OR 97070

Bolton Primary School 503-673-7050
5933 SW Holmes Street; West Linn, OR 97068

Boones Ferry Primary School 503-673-7300
11495 SW Wilsonville Road; Wilsonville, OR 97070

Cedaroak Park Primary School 503-673-7100
4515 S. Cedaroak Drive; West Linn, OR 97068

Stafford Primary School 503-673-7150
19875 SW Stafford Road; West Linn, OR 97068

Sunset Primary School 503-673-7200
2351 Oxford Street; West Linn, OR 97068

Willamette Primary School 503-673-7250
1403 12th Street; West Linn, OR 97068

MIDDLE SCHOOLS

Athey Creek Middle School 503-673-7400
2900 SW Borland Road; West Linn, OR 97068

Rosemont Ridge Middle School 503-673-7550
20001 Salamo Road; West Linn, OR 97068

Inza Wood Middle School 503-673-7500
11055 SW Wilsonville Road; Wilsonville, OR 97070

HIGH SCHOOLS

West Linn High School 503-673-7800
5464 West "A" Street; West Linn, OR 97068

Wilsonville High School 503-673-7600
6800 SW Wilsonville Road; Wilsonville, OR 97070