

Listed with each activity in the database to help you select and plan for each child's needs.
Some objectives may be observed during daily routines.

MATH

NUMBERS

- M1 grows in rote counting and sequencing of numbers
- M2 recognizes both numerals and number names
- M3 understands and uses 1-1 correspondence
- M4 counts and builds sets
- M5 compares quantities in sets and uses appropriate vocabulary: equal, more, less
- M6 understands adding and subtracting from a set
- M7 begins to understand dividing sets into parts up to fourths
- M8 understands and uses ordinal terms (1st, 2nd, 3rd)

PATTERNS

- M9 matches or sorts by color, size, shape, texture: classifies by attributes, makes comparisons
- M10 recognizes patterns: can tell "what comes next?"
- M11 duplicates simple patterns, then extends and creates patterns
- M12 identifies pattern groups (red/yellow, kitten/puppy)
- M13 seriates a group of like objects (small, medium, large, or light, medium, dark)

MEASUREMENT

- M14 understands, compares, and analyzes quantities of length, height, weight, time, or amount between two or more groups (by pointing to pictures or using words depicting little/big, short/tall, slow/fast, thin/fat, less/more, empty/full, few/many, heavy/light, shallow/deep, narrow/wide)
- M15 explores and observes ways to use tools to measure objects (e.g., erasers, paper clips, ruler, scale, thermometer, measuring cups, etc.)
- M16 develops growing abilities to collect, describe, and record information in different ways, such as discussion, maps, charts, or graphs.

GEOMETRY

- M17 demonstrates age-appropriate knowledge of geometric shapes
- M18 understands that shapes remain the same when flipped or rotated
- M19 understands symmetry

SPATIAL RELATIONS

- M20 understands directions/positional concepts: top/bottom, go/stop, far/near, up/down, over/under, out/in, above/below, in front/behind, inside/outside, etc.
- M21 describes position from different perspectives: "I am, you are"
- M22 uses simple directions to move from place to place: obstacle course, directional games, hopscotch

REASONING

- M23 uses simple strategies to solve mathematical problems
- M24 experiments with puzzles and blocks to create solutions, build structures, or move through a process to reach a goal

CREATIVE ART EXPRESSION

ART

- A1 uses a variety of art materials for exploration in the arts and across learning domains
- A2 creates something unique from other children: creative, imaginative work
- A3 appreciates artistic creations of others and art events; shares opinions about likes and dislikes

MUSIC

- A4 knows and sings songs; uses music across learning domains
- A5 explores with sound, melody, tone, rhythm, beat
- A6 uses and shows interest in a variety of musical instruments for expression

MOVEMENT AND DANCE

- A7 participates in creative movement and dance
- A8 designs original movements and interpretations; uses creative movement and dance across learning domains

DRAMATIC PLAY

- A9 participates in creative dramatic play and make-believe
- A10 uses props to enhance play environment

LANGUAGE/LITERACY

LISTENING

- L1 follows 2 and 3 step directions of increasing complexity
- L2 gains meaning by listening to stories, informational texts, directions, and conversations
- L3 understands verbal and nonverbal cues
- L4 listens and responds to rhymes and rhythms

CONVERSATION

- L5 expresses needs, wants, thoughts through nonverbal gestures, (exposed to sign language), progressing to verbal cues in English or home language
- L6 speaks clearly (is understood by both familiar and unfamiliar adults)
- L7 initiates asking questions and responds in conversation with others
- L8 shares opinions, experiences, and ideas with others with words
- L9 uses verbal and nonverbal conversational rules (takes turns, eye contact, loud and soft voice as appropriate, etc.)
- L10 listens to and repeats words in world languages

VOCABULARY

- L11 demonstrates growing understanding of words and meanings, including language of specific learning domains
- L12 converses with a rapidly expanding vocabulary
- L13 connects phrases and sentences to build ideas
- L14 speaks in sentences using grammar that is age-appropriate

EMERGENT READING

- L15 shows interest/motivation in reading: following along as a book is read, attempting to read by looking at illustrations or from memory, handling books appropriately, actively chooses books
- L16 understands text read aloud: recalling part or most of a text or representing it with play or media, asking and answering questions about text read aloud, connecting text with personal experiences, making predictions based on text read aloud, comparing similar texts, discussing author, illustrator, and parts of a text
- L17 exhibits age-appropriate phonological awareness: combines syllables to make a word, combines words to make compound words, recognizes words that rhyme, associates sounds with letters and words, recognizes alliteration and words that rhyme
- L18 demonstrates alphabetic knowledge: can recite the alphabet, names or recognizes some letters and sounds – especially own name, recognizes and names most letters
- L19 understands left to right, top to bottom process of reading
- L20 understands structure: beginning, middle, end of a story

EMERGENT WRITING

- L21 shows interest in written expression: scribbling, drawing a person
- L22 shows awareness of the uses and functions of environmental print, symbols, and other forms of print to convey meaning and recognizes that different text forms are used for different purposes
- L23 shows awareness that a word is made up of letters
- L24 begins to copy or write own name
- L25 demonstrates age-appropriate writing: tracing, copying letters and numbers, copying shapes and symbols

SCIENCE

OBSERVATION

- S1 explores materials and makes observations, predictions based on information gathered from the senses
- S2 demonstrates knowledge about self; makes observations about self and life sciences: living vs. nonliving things, nature, environment, weather by physical characteristics
- S3 makes predictions based on past experiences and observations

QUESTIONING

- S4 asks why, where, when, how, what, and seeks answers through exploration

INVESTIGATION

- S5 classifies objects by function
- S6 uses tools such as scale, magnifier, bug catcher, map, or binoculars for investigation
- S7 uses "if/then" and "cause/effect" reasoning
- S8 makes comparisons among objects and groups

SOCIAL/EMOTIONAL

SELF-CONCEPT

- SE1 recognizes similarities and differences between self and others: gender, cultural identity, self and family characteristics
- SE2 develops positive self image: awareness of self as having certain abilities, preferences, characteristics
- SE3 demonstrates increasing self-direction, independence, and control; increasingly handles transitions appropriately
- SE4 shows interest and respect for work of self and others; exhibits increasing awareness of positive character traits
- SE5 chooses new as well as familiar activities
- SE6 cleans up own work/play space independently

RELATIONSHIPS

- SE7 uses play to explore and practice social roles and relationships
- SE8 interacts comfortably with familiar adults
- SE9 begins to participate as a member of a group: takes turns and shares, sustains interaction by helping, cooperating, expressing interest
- SE10 interacts with one or more children; develops special friendships
- SE11 participates in group song, dance, acting/role-play
- SE12 plays cooperatively with others; resolves some conflicts, uses constructive language
- SE13 seeks help or information when needed from adults

EMOTIONAL DEVELOPMENT

- SE14 recognizes and describes own emotions
- SE15 manages feelings appropriately
- SE16 explores emotions through play, art, music, dance
- SE17 shows empathy and caring to others, respond to others emotions

SOCIAL STUDIES

HISTORY AND EVENTS

- SS1 shows awareness of concepts of time/sequence of events: past, present, and future and sequence of routines such as bedtime, lunchtime, morning, night, etc.

PEOPLE AND THE ENVIRONMENT

- SS2 engages in caring for the environment and conservation
- SS3 describes characteristics of things in the environment and geography of places: home, school, park, community; says name/address/phone number
- SS4 shows respect for living things

FAMILY AND COMMUNITY

- SS5 understands family roles, relationships, rules, jobs
- SS6 follows simple rules and routines
- SS7 shows awareness of diverse backgrounds, cultural/global knowledge
- SS8 tells functions of some community helpers, parents' jobs, careers
- SS9 demonstrates growing awareness of community rules, governance, democracy
- SS10 exhibits awareness of trade to obtain goods and/or services; recognizes that money comes in different forms, such as coins, dollar bills, and credit/debit cards
- SS11 exhibits some knowledge of technology and media

PHYSICAL DEVELOPMENT/HEALTH

FINE MOTOR

- PD1 gains strength and control of small muscles: folding and creasing paper, building with small blocks, manipulating play dough and clay
- PD2 demonstrates eye-hand coordination: strings beads, completes puzzles, sews through holes in lacing cards, ties knots and loops, tears paper, uses eating utensils, uses a keyboard
- PD3 uses scissors to cut shapes from paper
- PD4 begins to control use of writing, drawing, art tools, and art/craft mediums

GROSS MOTOR

- PD5 demonstrates balance and control of large muscles: walking forward, backward, heel-to-toe, on tiptoe and on a straight line, walking on a balance board, hopping on one foot, jumping with two feet
- PD6 coordinates movement when walking up and down stairs, running smoothly, kicking a ball, throwing a ball, bouncing and catching a ball, skipping, clapping, crossing the midline
- PD7 develops strength, flexibility, and stamina through vigorous play and by using equipment

SELF-CARE

- PD8 undresses or dresses self independently, other than help with difficult fasteners
- PD9 exhibits increasing knowledge of healthy eating, good nutrition: tries new foods, willing to eat well-balanced diet, interested in various tastes, colors, and textures of food
- PD10 washes hands and face without assistance
- PD11 brushes teeth independently
- PD12 uses tissue for nose, napkin for hand/face appropriately, independently
- PD13 cares for toileting needs independently
- PD14 participates in a variety of physical activities; exhibits increasing awareness of the importance of exercise
- PD15 follows basic safety and health rules
- PD16 demonstrates visual and auditory ability and general good health and sleep habits to enable learning

APPROACHES TO LEARNING

IMAGINATION

- AL1 shows creativity, flexibility, and inventiveness in play experiences
- AL2 takes on various roles in make-believe play
- AL3 uses new strategies to solve problems

CURIOSITY

- AL4 shows a willingness to participate, is eager to join play events
- AL5 demonstrates inquisitiveness about subjects and objects

PERSISTENCE

- AL6 is not easily discouraged, seeks help to overcome problems
- AL7 works at a task despite distractions or interruptions
- AL8 usually completes reasonable tasks or stays engaged

REFLECTION

- AL9 observes or contemplates and applies knowledge to a new situation
- AL10 generates ideas, suggestions
- AL11 makes a plan before beginning a task and follows through

RISK-TAKING

- AL12 welcomes new experiences, situations, play events, materials, friends