

## DEVELOPMENTAL DOMAIN 5

## Cognitive Development

| STANDARDS                                                                                                                                        | BENCHMARKS / Example                                                                                                                                                                                                                                                                                                                                 |
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| <b>Approaches to Learning</b><br><br>5.1 Demonstrates positive approaches to learning                                                            | 5.1.1 Engages and sustains attention to age-appropriate tasks<br><i>Example:</i><br>» Child sustains attention during play, center activities, using manipulatives, etc.<br>» Child accepts an invitation to participate in an activity and remains involved                                                                                         |
|                                                                                                                                                  | 5.1.2 Shows eagerness and curiosity for learning<br><i>Example:</i><br>» Child participates in playing “PeekaBoo”<br>» Child enjoys taking things apart<br>» Child asks inquiry-based questions                                                                                                                                                      |
|                                                                                                                                                  | 5.1.3 Identifies, analyzes, and seeks solutions to problems<br><i>Example:</i><br>» Child seeks ways to obtain items out of reach<br>» Child keeps looking through a pile of letters for those that are in their name                                                                                                                                |
|                                                                                                                                                  | 5.1.4 Shows inventiveness: plans and pursues appropriate activities<br><i>Example:</i><br>» Child uses new tools in familiar activities and experiences                                                                                                                                                                                              |
|                                                                                                                                                  | 5.1.5 Demonstrates flexibility and adaptability<br><i>Example:</i><br>» Child substitutes objects such as a block for a cell phone or a brush for a microphone<br>» Child adapts to unexpected change in daily schedule                                                                                                                              |
| <b>Creative Expression / Fine Arts</b><br><br>5.2 Creates, interprets, performs, and responds to art, drama, practical arts, music, and movement | <b>ART</b> 5.2.1 Utilizes a variety of age-appropriate mixed media; handles and cares for tools correctly while using techniques and processes for sensory experience and creative exploration<br><i>Example:</i><br>» Child engages in various sensory activities<br>» Child plays with playdough, rolling and flattening it to make various shapes |
|                                                                                                                                                  | 5.2.2 Uses art to express thoughts and feelings about the environment and community<br><i>Example:</i><br>» Child uses art materials to create a picture to represent own thoughts or feelings<br>» Child creates a picture showing an environment such as family, home, or neighborhood                                                             |
|                                                                                                                                                  | 5.2.3 Describes and explores the characteristics of artwork<br><i>Example:</i><br>» Child participates in an art show by displaying own art and appreciating other’s art<br>» Child describes the reasoning for the art materials used to create their picture<br>» Child explores various artists and their art in picture books                    |
|                                                                                                                                                  | 5.2.4 Begins to explore and appreciate new concepts, vocabulary, history, and various cultures through art<br><i>Example:</i><br>» Child makes a piñata and talks about its characteristics and purpose.<br>» Child utilizes various shades of crayons for people’s skin colors                                                                      |

| STANDARDS        | BENCHMARKS / Example                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| DRAMA            | <p>5.2.5 Responds to dramatic play experiences<br/> <i>Example:</i></p> <ul style="list-style-type: none"> <li>» Child displays emotional responses in dramatic play</li> <li>» Child imitates simple actions that adults have modeled</li> </ul>                                                                                                                                                                                                                                      |
|                  | <p>5.2.6 Uses props to explore and create enhancement to imaginative play<br/> <i>Example:</i></p> <ul style="list-style-type: none"> <li>» Child uses dress-up clothes to reenact familiar scenarios</li> <li>» Child uses objects in nature for creative play</li> </ul>                                                                                                                                                                                                             |
|                  | <p>5.2.7 Participates in dramatic play to express feelings, dramatize stories, and reenact real-life experiences<br/> <i>Example:</i></p> <ul style="list-style-type: none"> <li>» Child pretends to play house and mimics adults</li> <li>» Child role-plays a Bible story and exhibits accurate emotional portrayal</li> </ul>                                                                                                                                                       |
|                  | <p>5.2.8 Begins to explore and appreciate history and various cultures through drama<br/> <i>Example:</i></p> <ul style="list-style-type: none"> <li>» Child role-plays a story of a historical or cultural event read by an adult</li> </ul>                                                                                                                                                                                                                                          |
| MUSIC & MOVEMENT | <p>5.2.9 Explores new and various music types, rhythm, and musical instruments<br/> <i>Example:</i></p> <ul style="list-style-type: none"> <li>» Child selects various musical instruments and/or items to make sounds and rhythms</li> </ul>                                                                                                                                                                                                                                          |
|                  | <p>5.2.10 Participates in listening, singing, and performing action songs<br/> <i>Example:</i></p> <ul style="list-style-type: none"> <li>» Child listens to music individually or in a group</li> <li>» Child imitates the motions to a song</li> </ul>                                                                                                                                                                                                                               |
|                  | <p>5.2.11 Begins to explore and appreciate history and various cultures through music and movement<br/> <i>Example:</i></p> <ul style="list-style-type: none"> <li>» Child plays with instruments from a variety of cultures, such as maracas, rainsticks, etc.</li> <li>» Child explores specific movements of cultural songs</li> </ul>                                                                                                                                              |
|                  | <p>5.2.12 Uses movement and music to express thoughts, feelings, and creativity<br/> <i>Example:</i></p> <ul style="list-style-type: none"> <li>» Child moves around the room expressing various music styles such as marches and glides</li> </ul>                                                                                                                                                                                                                                    |
| PRACTICAL ARTS   | <p>5.2.13 Begins to participate in the process of learning to sew, cook, woodwork, garden, etc.<br/> <i>Example:</i></p> <ul style="list-style-type: none"> <li>» Child enjoys stirring, mixing, kneading, digging in the dirt, etc.</li> <li>» Child practices skills through dramatic play</li> <li>» Child practices sewing, using sewing cards, and threading large beads, etc.</li> <li>» Child helps prepare simple snacks like cutting a banana, spreading jam, etc.</li> </ul> |
|                  | <p>5.2.14 Begins to explore and appreciate history and various cultures through the practical arts<br/> <i>Example:</i></p> <ul style="list-style-type: none"> <li>» Child builds a teepee or a log cabin while the teacher talks about First Nations and settlers</li> <li>» Child comments: "I would like to live in an igloo" or "I would like to live in a grass hut"</li> </ul>                                                                                                   |
|                  | <p>5.2.15 Responds to practical art experiences, new concepts, and vocabulary<br/> <i>Example:</i></p> <ul style="list-style-type: none"> <li>» Child uses newly learned vocabulary and concepts during play</li> </ul>                                                                                                                                                                                                                                                                |

| STANDARDS                                                                                                                                          | BENCHMARKS / Example                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| <b>Mathematics</b><br>5.3 Develops in numbers and operations, geometry, spatial sense, patterns and relationships, measurement, and exploring data | <b>NUMBERS &amp; OPERATIONS</b><br>5.3.1 Uses mathematical terms and counting in context of daily routines, activities, and play<br><i>Example:</i> <ul style="list-style-type: none"> <li>» Child practices sequencing through calendar, daily schedule, lining up, counting the days of school to 100, etc.</li> <li>» Child practices counting through playing games, such as choosing team members, grouping in patterns, and sorting</li> </ul> |
|                                                                                                                                                    | 5.3.2 Uses numbers and counting to analyze quantity and number relationships<br><i>Example:</i> <ul style="list-style-type: none"> <li>» Child counts and distributes the number of items needed for an activity</li> </ul>                                                                                                                                                                                                                          |
|                                                                                                                                                    | 5.3.3 Begins to identify numbers in print<br><i>Example:</i> <ul style="list-style-type: none"> <li>» Child identifies numbers through calendar and birthday activities</li> <li>» Child identifies numbers during dramatic play</li> <li>» Child identifies numbers in the environment</li> </ul>                                                                                                                                                   |
| <b>SPATIAL RELATIONS</b>                                                                                                                           | 5.3.4 Investigates spatial relationships, recognizes two- and three-dimensional shapes and attributes of common shapes<br><i>Example:</i> <ul style="list-style-type: none"> <li>» Child assembles a puzzle successfully</li> <li>» Child builds a structure with building materials and can identify their shapes</li> <li>» Child identifies shapes in the environment</li> </ul>                                                                  |
|                                                                                                                                                    | 5.3.5 Recognizes, creates, duplicates, and names simple patterns<br><i>Example:</i> <ul style="list-style-type: none"> <li>» Child duplicates a place setting around a table</li> <li>» Child identifies, classifies, and compares a variety of simple shapes</li> <li>» Child creates simple patterns using simple shapes</li> </ul>                                                                                                                |
|                                                                                                                                                    | 5.3.6 Explores the various kinds of relationships among objects, events, and actions<br><i>Example:</i> <ul style="list-style-type: none"> <li>» Child recognizes upcoming events on a schedule</li> <li>» Child predicts what will happen when a ball crashes into a block tower</li> </ul>                                                                                                                                                         |
|                                                                                                                                                    | 5.3.7 Uses and responds appropriately to positional words<br><i>Example:</i> <ul style="list-style-type: none"> <li>» Child determines where to stand in a line according to height</li> <li>» Child places items in order of 1st, 2nd, 3rd, etc.</li> </ul>                                                                                                                                                                                         |

| STANDARDS                  | BENCHMARKS / Example                                                                                                                                                                                                                                                                            |
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| COMPARISONS & MEASUREMENTS | <p>5.3.8 Uses a variety of standard and nonstandard means of measurement<br/> <i>Example:</i></p> <ul style="list-style-type: none"> <li>» Child uses own feet to measure the length of an object</li> <li>» Child uses a variety of materials to measure</li> </ul>                            |
|                            | <p>5.3.9 Collects, organizes, categorizes, displays, and uses relevant data<br/> <i>Example:</i></p> <ul style="list-style-type: none"> <li>» Child lines up small toy animals by size</li> <li>» Child uses a graph to sort classmates' favorite colors</li> </ul>                             |
|                            | <p>5.3.10 Develops problem-solving skills through the application of different strategies<br/> <i>Example:</i></p> <ul style="list-style-type: none"> <li>» Child matches shapes in a shape sorter correctly</li> <li>» Child successfully assembles a floor puzzle</li> </ul>                  |
|                            | <p>5.3.11 Begins to understand time in context of daily routines<br/> <i>Example:</i></p> <ul style="list-style-type: none"> <li>» Child begins to understand the daily schedule of the classroom</li> <li>» Child begins to understand which activity comes before or after another</li> </ul> |

| STANDARDS                                                                                                        | BENCHMARKS / Example                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| <b>Science</b><br><br>5.4 <i>Uses scientific methods to experience physical, life, space, and earth sciences</i> | 5.4.1 <b>Begins to understand the scientific method through play (predict, experiment, make discoveries, and describe results)</b><br><b>Example:</b><br>» <i>Child gathers objects from nature to conduct experiments that will lead to new discoveries</i>                                                                                                                                                                                |
|                                                                                                                  | 5.4.2 <b>Interacts with objects and materials to investigate and describe their physical properties</b><br><b>Example:</b><br>» <i>Child investigates the forms of water (ice, steam, liquid) and makes a prediction</i><br>» <i>Child collects objects and classifies them</i><br>» <i>Child explores a variety of items in sensory bins, such as sand, feathers, and a variety of textures</i>                                            |
|                                                                                                                  | 5.4.3 <b>Begins to discover characteristics of living and nonliving things</b><br><b>Example:</b><br>» <i>Child identifies living and nonliving things by looking at pictures, objects, etc.</i><br>» <i>Child uses a magnifying glass to investigate living and nonliving things, such as ants, ladybugs, rocks, sticks, etc.</i><br>» <i>Child explores a real flower versus a plastic flower</i>                                         |
|                                                                                                                  | 5.4.4 <b>Understands that all living things must be cared for</b><br><b>Example:</b><br>» <i>Child participates in growing a plant from a seed</i><br>» <i>Child helps to care for a classroom pet</i>                                                                                                                                                                                                                                      |
|                                                                                                                  | 5.4.5 <b>Participates in activities to preserve the ecosystem</b><br><b>Example:</b><br>» <i>Child helps sort trash for recycling</i><br>» <i>Child helps to clean up the playground</i>                                                                                                                                                                                                                                                    |
|                                                                                                                  | 5.4.6 <b>Explores properties of earth and space</b><br><b>Example:</b><br>» <i>Child begins to understand that the earth is round like a ball or a globe</i><br>» <i>Child begins to understand that the sun provides the earth with heat</i>                                                                                                                                                                                               |
|                                                                                                                  | 5.4.7 <b>Uses senses and simple tools to learn about objects and observe and explore earth, space, and natural phenomena</b><br><b>Example:</b><br>» <i>Child uses a stick or leaf to pick up and examine an insect</i><br>» <i>Child experiences air currents by blowing on a pinwheel</i><br>» <i>Child begins to recognize changes in temperature by adding ice to water in water play or watching ice melt to warm water in the sun</i> |
|                                                                                                                  | 5.4.8 <b>Uses materials for inquiry, exploration, and discussion of scientific concepts</b><br><b>Example:</b><br>» <i>Child explains what will happen when various objects are placed in water (floating or sinking)</i><br>» <i>Child analyzes what took place when something unexpected happened (curtain moves with the breeze)</i><br>» <i>Child observes a caterpillar turning into a butterfly</i>                                   |

| STANDARDS                                                                                                                                                             | BENCHMARKS / Example                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| <b>Social Studies</b><br><br>5.5 Develops an appreciation of self and others in relationship to social systems, places, economics, civic responsibilities, and events | 5.5.1 Develops an awareness and sense of belonging and acceptance as a member of a family, classroom, and community<br><i>Example:</i><br>» Child demonstrates positive social behaviors while in a group<br>» Child recognizes and greets a familiar person outside of own family group                                                                                                                                                                                |
|                                                                                                                                                                       | 5.5.2 Recognizes, appreciates, and respects the relationship between people of various ages, genders, abilities, cultures, and ethnicities, through varied experiences and materials<br><i>Example:</i><br>» Child participates in events such as grandparent's day or international food fairs<br>» Child demonstrates interest in meeting people and hearing stories from various cultures<br>» Child demonstrates interest in sharing native language spoken at home |
|                                                                                                                                                                       | 5.5.3 Understands physical features and characteristics of geography<br><i>Example:</i><br>» Child recognizes different land formations (mountains, oceans, beaches, etc.)<br>» Child matches different types of houses and clothing to various environments                                                                                                                                                                                                            |
|                                                                                                                                                                       | 5.5.4 Develops an awareness of the relationship between people, places, and regions<br><i>Example:</i><br>» Child identifies other cities or countries where families or friends live<br>» Child understands that sometimes different places have different foods and customs                                                                                                                                                                                           |
|                                                                                                                                                                       | 5.5.5 Recognizes the relationship between needs versus wants and economic concepts<br><i>Example:</i><br>» Child identifies needs as food, clothes, shelter, love, etc.<br>» Child explains that parents works to earn money to buy food                                                                                                                                                                                                                                |
|                                                                                                                                                                       | 5.5.6 Realizes that money is used in the exchange of goods and services<br><i>Example:</i><br>» Child goes with an adult to the store to purchase items<br>» Child uses play money in the dramatic play center                                                                                                                                                                                                                                                          |
|                                                                                                                                                                       | 5.5.7 Begins to understand social roles and responsibilities in the family, community, and workplace, through play<br><i>Example:</i><br>» Child assists with family chores, e.g., setting the table<br>» Child serves as the line leader and others follow<br>» Child imitates adult occupations through dramatic play                                                                                                                                                 |
|                                                                                                                                                                       | 5.5.8 Begins to track events of the past, present, and future<br><i>Example:</i><br>» Child tracks events of the past, present, and future through daily calendar routine<br>» Child recalls past events and plans for future events                                                                                                                                                                                                                                    |
|                                                                                                                                                                       | 5.5.9 Participates in discussions about fairness, responsibility, differences, friendship, and authority<br><i>Example:</i><br>» Child discusses various behaviors as a member of the class family<br>» Child participates in doing classroom chores<br>» Child exhibits fairness to others when following directions                                                                                                                                                   |
|                                                                                                                                                                       | 5.5.10 Begins to understand how people can affect environments and take positive actions to show care for the classroom and community in which one lives<br><i>Example:</i><br>» Child participates in a recycling project<br>» Child helps to keep the classroom orderly<br>» Child learns to care for the natural world (animals, gardens, etc.)                                                                                                                      |

| STANDARDS                                                                                                     | BENCHMARKS / Example                                                                                                                                                                                                                                                                                                                                                         |
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| <b>Technology</b><br><br>5.6 <i>Begins to develop an awareness of different forms of technology and media</i> | 5.6.1 Begins to understand how different forms of technology and media help people<br><i>Example:</i> <ul style="list-style-type: none"> <li>» Child uses an object as a cell phone to pretend making a call</li> <li>» Child plays with a calculator or cash register during dramatic play</li> <li>» Child uses a device to take pictures</li> </ul>                       |
|                                                                                                               | 5.6.2 Begins to use appropriately and independently different forms of technology relevant to the young child<br><i>Example:</i> <ul style="list-style-type: none"> <li>» Child uses headphones in the listening center</li> <li>» Child uses a touch screen on a device</li> </ul>                                                                                          |
|                                                                                                               | 5.6.3 Begins to appreciate how technology can enrich classroom learning experiences<br><i>Example:</i> <ul style="list-style-type: none"> <li>» Child listens to a story or music on a device</li> <li>» Child participates with the teacher in an interactive lesson (e.g., touch pad)</li> <li>» Child is recorded telling their favorite story or family event</li> </ul> |