



KANSAS STATE DEPARTMENT OF EDUCATION

# **KANSAS** **PREKINDERGARTEN** **GUIDE**



Early  
Childhood  
[www.ksde.org](http://www.ksde.org)

August 6, 2018



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To prepare Kansas students for lifelong success through rigorous, quality academic instruction, career training and character development according to each student's gifts and talents.

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## Motto

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- Academic preparation,
- Cognitive preparation,
- Technical skills,
- Employability skills and
- Civic engagement

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- Kindergarten readiness
- Individual Plan of Study focused on career interest
- High school graduation
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# KANSAS PREKINDERGARTEN GUIDE

## Acknowledgments

Throughout this guide, the term “prekindergarten” refers to those classrooms and programs serving children who have reached age three but are not yet age-eligible for kindergarten.

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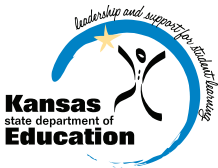
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# INTRODUCTION

“*Kansas leads the world in the success of each student.*”

- *Kansas Vision for Education, Kansas State Board of Education, 2015*

In October 2015, The Kansas State Board of Education announced a new vision for education in Kansas. The new vision was built using input from multiple stakeholders and took nearly a year to develop. The Kansans CAN Vision - “*Kansas leads the world in the success of each student*” - became the branded theme for Kansas education.<sup>1</sup> Kansans are demanding higher standards in academic skills, as well as employability and citizenship skills. Kansans expressed the need to move away from a “one-size-fits-all” system reliant exclusively on state assessments. The Kansans CAN vision for education calls for a more child-focused system providing support and resources for individual success. It will require everyone to work together to make it a reality.

<sup>1</sup> Kansas State Department of Education. (2017). *Kansas Vision for Education*. Retrieved from [www.ksde.org/Agency/Fiscal-and-Administrative-Services/Communications-and-Recognition-Programs/Vision-Kansans-Can](http://www.ksde.org/Agency/Fiscal-and-Administrative-Services/Communications-and-Recognition-Programs/Vision-Kansans-Can)

## Why Kindergarten Readiness?

The Kansans CAN initiative motivated the creation of this document. Kindergarten Readiness is one of five Kansas State Board of Education measurable outcomes, which also include:

- Social-emotional growth measured locally
- Individual Plan of Study focused on career interest
- High school graduation
- Postsecondary

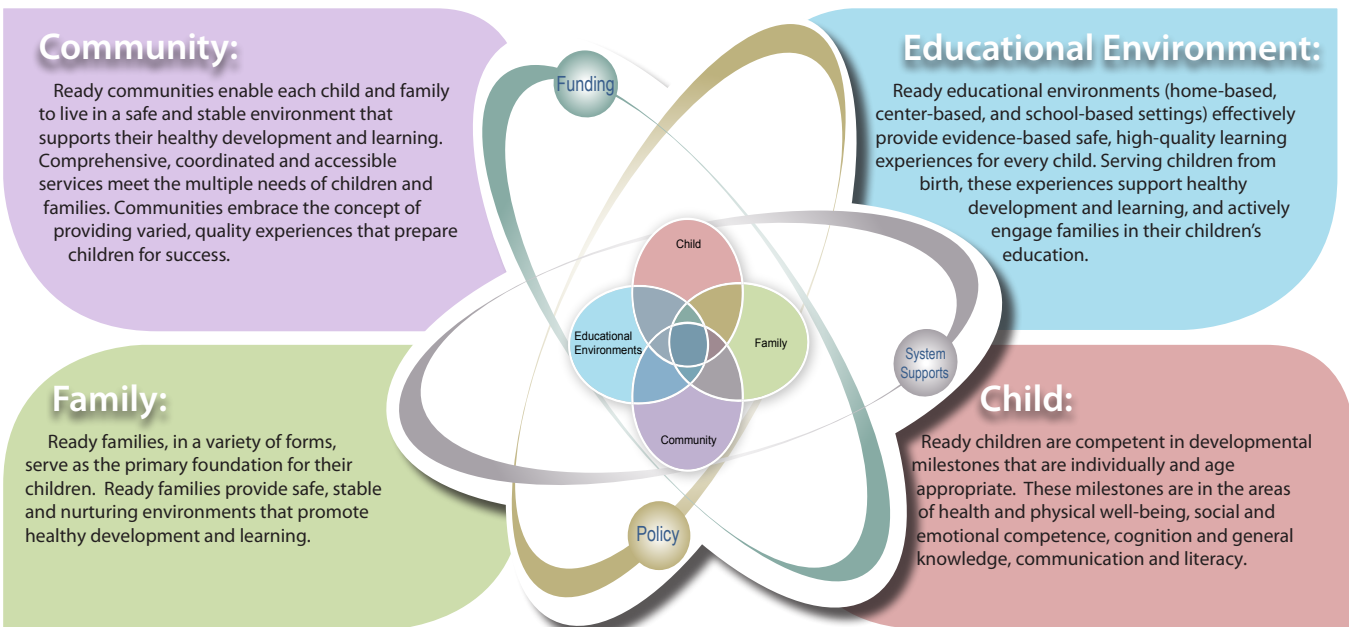
The goal of the Kindergarten Readiness outcome is that *“each student enters kindergarten at ages five socially, emotionally and academically prepared for success.”* The Kansas State Board of Education understands that early childhood experiences and settings are the foundation for lifelong success.

School readiness occurs within a broad context and includes four components: community, educational environment, family and the individual child. These four components function as interdependent systems of support with multi-directional influences. Rich early childhood experiences, from birth through

age 8, are necessary for school success and directly influence children’s future successes. Experiences to support health and physical well-being, cognitive development, communication and social-emotional development provide a foundation for school readiness. However, kindergarten readiness also requires policy, funding and effective systems supportive of children’s ability to thrive and succeed in learning environments throughout their lifespan.

This Kansas Prekindergarten Guide is not designed as a mandate prekindergarten. This resource provides prekindergarten teachers, providers and administrators with common references for high-quality and evidence-based prekindergarten practices. This guide supports the implementation of developmentally appropriate and academically rigorous prekindergarten programs. Prekindergarten teachers and administrators are encouraged to discuss the contents of this guide together prekindergarten. This guide will be reviewed and may be updated, in response to feedback from those implementing high-quality prekindergarten practices across Kansas.

## Kansas School Readiness Framework





# TRANSITIONS

Successful transitions are most strongly influenced by children's home environment, the preschool program they attend and the continuity between preschool and kindergarten.<sup>2</sup>

Prekindergarten is a special milestone in a child and family's life. A child's transition into prekindergarten or from prekindergarten into kindergarten, can be filled with joy, anticipation, apprehension and concern. A child enters prekindergarten with a wide range of abilities and experiences. A high-quality program is prepared to welcome and respond to each child in a manner that intentionally promotes developmentally appropriate practices. Prekindergarten is a place for a child to learn, play, grow and prepare for success in kindergarten and beyond.

Prekindergarten involves two major periods of transitions: a child's transition into a prekindergarten program and, then, the transition from prekindergarten into kindergarten. A child transitions more successfully when program administrators, teachers and families plan and prepare together. Using a systems approach can assist in smooth transitions. Coordinating transition efforts, prekindergarten and elementary programs help a child maintain and maximize his or her success.

2 Riedinger, S.A. (1997). *Even Start: Facilitating Transitions to Kindergarten*. Retrieved from <https://eric.ed.gov/?id=ED413100>

## Early Learning Collaboration

The goal of collaboration is to increase communication and build connections among early childhood, kindergarten and other essential support programs to promote smooth and successful transitions. The *Kansas Early Learning Standards* and *Kansas Family Engagement and Partnership Standards for Early Childhood* are two tools that may assist with collaboration efforts between prekindergarten, families and kindergarten programs.

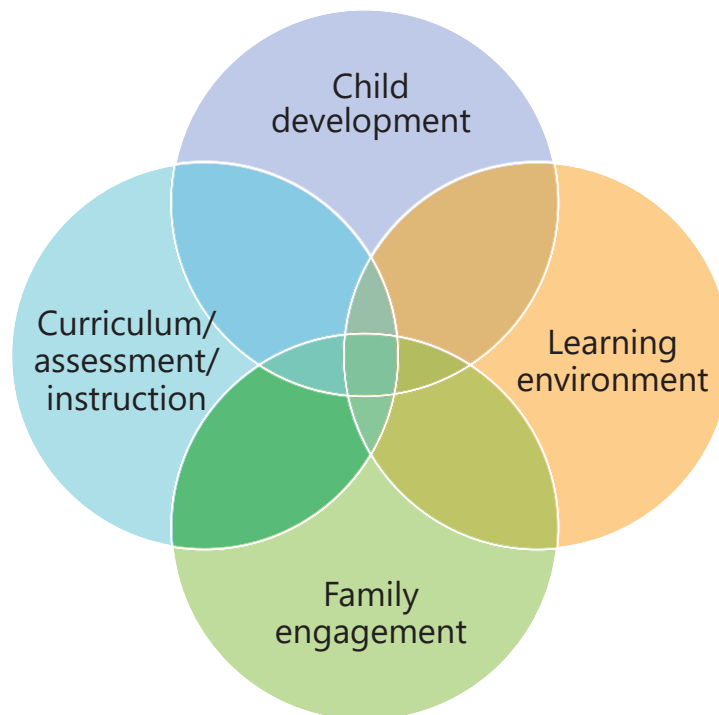
*“Transition practices need to be effective to make a difference. Effective transition practices are activities that teachers, families and community members can use to create supports and foster familiarity across early childhood settings and kindergarten.”*

- LoCasale-Crouch et al.<sup>3</sup>

### Collaboration components:

- Building and strengthening relationships between early learning providers and kindergarten teachers.
- Developing and sharing common expectations for kindergarten readiness.
- Sharing emerging best practices.
- Analyzing and sharing data across programs to inform practices and improve future school success
- Guiding principles for high-quality prekindergarten.

## Guiding Principles for High-Quality Prekindergarten



<sup>3</sup> LoCasale-Crouch, J., Mashburn, A. J., Downer, J. T. and Pianta, R. C. (2008). Prekindergarten Teachers' Use of Transition Practices and Children's Adjustment to Kindergarten. *Early Childhood Research Quarterly*, 23, 124–139.

# CHILD DEVELOPMENT

“The goal of early childhood education should be to activate the child’s own natural desire to learn.”

- Maria Montessori<sup>4</sup>

According to the National Association for the Education of Young Children (NAEYC), child development is a complex phenomenon of interrelated domains. The following principles recognize these domains and importance when making decisions to meet the needs of young children.

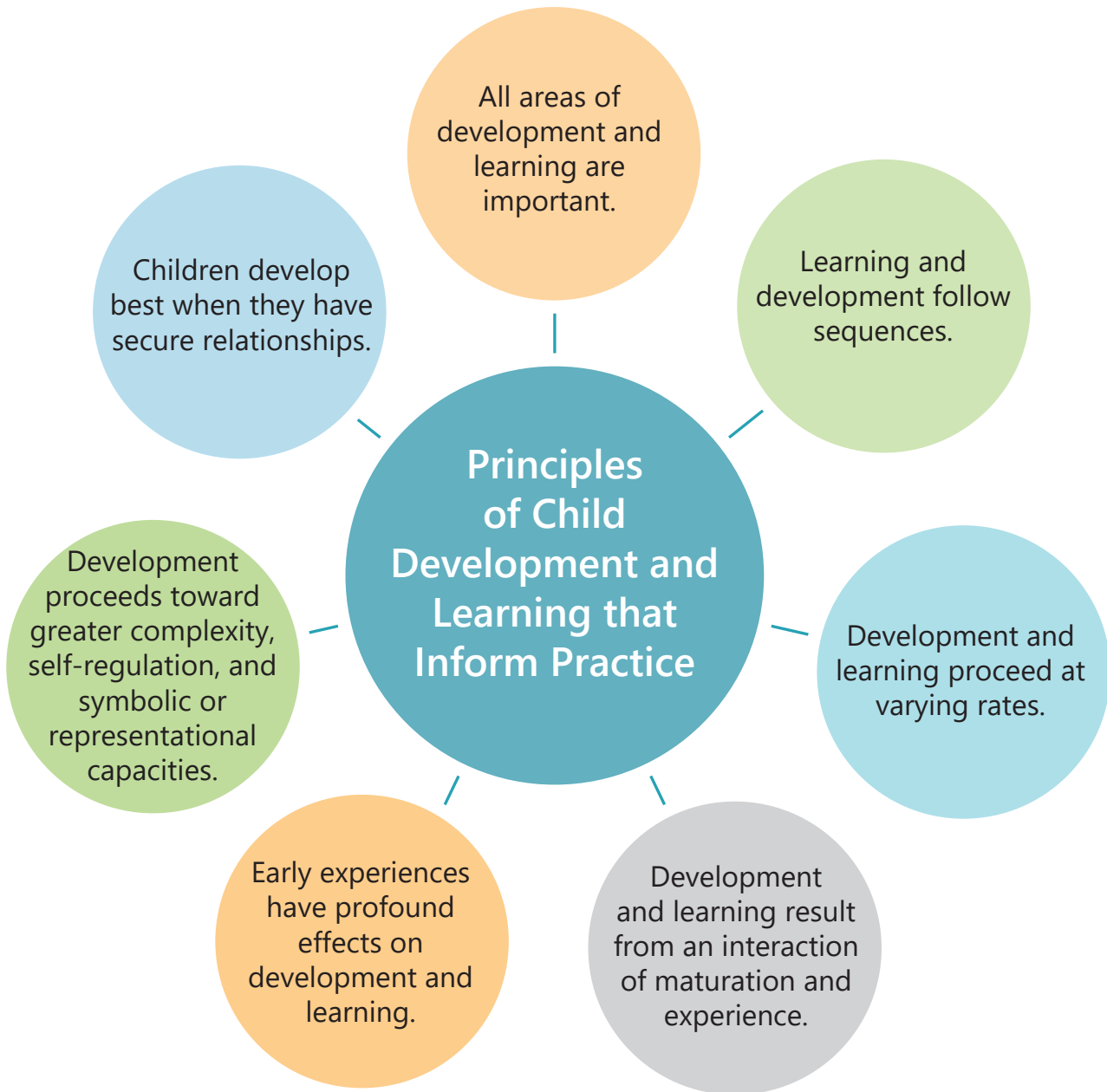
*“All children are ready to learn more than they already know; it is the teachers who need to know how to create appropriate instruction for each child, whatever his or her starting point.”*

- Dockett and Perry<sup>5</sup>

<sup>4</sup> Montessori, M. (2018) Retrieved from <http://www.wholechildmontessori.org/montessori/>

<sup>5</sup> Dockett, S. and Perry, B. (2001) Starting School: Effective Transitions. *Early Childhood Research and Practice*, v3 n2 Fall 2001. p. 2.

## Principles of Child Development and Learning that Inform Practice



# Understanding Child Development

All children are unique, yet follow similar patterns of development. Prekindergarten children are in a phase of tremendous growth and development. It is essential educators understand the traits and characteristics of prekindergarten children in order to plan environments and experiences that best meet their needs. The daily schedule, curriculum, educational activities and teaching practices are the foundation for prekindergarten learning experiences.<sup>6</sup>

*“The early years matter because, in the first few years of life, more than 1 million new neural connections are formed every second. Neural connections are formed through the interaction of genes and a baby’s environment and experiences, especially ‘serve and return’ interaction with adults or what developmental researchers call contingent reciprocity. These are the connections that build brain architecture – the foundation upon which all later learning, behavior and health depend.”*

- Conel<sup>7</sup>

Early childhood educators must understand the interconnectedness of a child’s social, emotional and cognitive development because early learning experiences shape a child’s brain. While it is never too late to support development, earlier is better.<sup>8</sup> High-quality prekindergarten programming hinges on fostering a child’s development and learning in all domains, including cognitive, social-emotional, physical and language.

Kansas addressed child development by adopting the *Kansas Early Learning Standards*. These standards, written through the collaborative work of early learning professionals, communities and cultural organizations, provide parents and educators information regarding the development of children from birth to age 5. Educators can match supports with the needs of children by being aware of the characteristics of a developmentally or chronologically diverse range of children. Educators use the standards to design individually appropriate learning experiences.

## Cognitive:

*“Plasticity or the ability for the brain to reorganize and adapt, is greatest in the first years of life and decreases with age.”*

- Levitt<sup>9</sup>

Cognitive neuroscience research reveals the brain develops rapidly during the first five years of life.<sup>10</sup> Strong early learning experiences are critical in laying the foundation for a successful future. It is essential teachers know and understand the sequences in which children gain specific concepts, skills and abilities.

## Social-Emotional:

*“Emotional well-being and social competence provide a strong foundation for emerging cognitive abilities and together they are the bricks and mortar of brain architecture.”*

- Levitt<sup>11</sup>

Forming and sustaining relationships with adults and other children is central to a young child’s development. Studies show children who fail to develop minimal social skills and suffer neglect or rejection from peers are at risk for later outcomes such as school dropout, delinquency and mental health problems.<sup>12</sup>

We know prekindergarten students vary in their ability to self-regulate by intentionally controlling their emotions, behaviors and thought.<sup>13</sup> Teachers can minimize sources of frustration, overstimulation and stress in the early learning environment, which might overwhelm young children. However, age and situation-appropriate frustrations and stress can provide opportunities for children to develop problem-solving skills.

6 Berk, Laura. (2006). *Child Development*, (7th ed.). Cornell University, Pearson/Allyn and Bacon.

7 Conel, J.L. (1959). *The Postnatal Development of the Human Cerebral Cortex*. Cambridge, Mass: Harvard University Press.

8 Tomlinson, H. B. (2014). An Overview of Development in the Kindergarten Year. In C. Copple, S. Bredekamp, D. Koralek, and Charner (Eds.), *Developmentally Appropriate Practice: Focus on Kindergarten* (pp. 21-56). Washington, DC: National Association for the Education of Young Children.

9 Levitt, (2009). Retrieved from <https://developingchild.harvard.edu/resources/experiences-build-brain-architecture/>

10 Shonkoff and Phillips, (2000). Retrieved from <http://www.scseec.edu.au/site/DefaultSite/filesystem/documents/Reports%20and%20publications/Publications/Early%20childhood%20education/Engaging%20Families%20in%20the%20ECD%20Story-Neuroscience%20and%20ECD.pdf>

11 See footnote 9.

12 McClelland, M. M., Acock, A. C., and Morrison, F. J. (2006). The Impact of Kindergarten Learning-Related Skills on Academic Trajectories at the End of Elementary School. *Early Childhood Research Quarterly*, 21, 471-490.

13 Tomlinson, H.B. (2014).

## Physical:

In developmentally appropriate early childhood settings, teachers appreciate and encourage children to use their bodies in many different ways. Research shows the areas of the brain activated during academic learning tasks are the same areas a child uses while doing vigorous physical activity ... moving while learning helps build connections in a child's brain and solidifies what is being taught along with the movement.<sup>14</sup>

## Language:

*"The relation of thought to word is not a thing but a process"*

-Vygotsky<sup>15</sup>

Literacy is the foundation for creating a well-educated and responsible citizen. Given appropriate experiences, children are more likely to be successful in learning to read and write.<sup>16</sup>

# Child-Centered Learning

Understanding how children learn is also essential to creating responsive environments that encourage and support children. Children learn by talking, exploring, practicing, rehearsing, approximating and making meaning.<sup>17</sup> They actively construct their understanding of the world through continuous interaction with their environment. Children are eager to discover ideas, to look for patterns and relationships and to form generalizations. They learn through spontaneous activity, play, carefully prepared materials and guided experiences. A high-quality prekindergarten learning environment provides a balance of adult-directed activities, child-initiated play, experiential learning and daily time for intentionally planned learning centers.

Play and academics are not an either/or. Play is an essential component in learning for young children. Rigorous standards for math, language, literacy and social and emotional skills can be provided through playful experiences to support children in reaching benchmarks.

<sup>14</sup> National Association for the Education of Young Children. (2009). *Developmentally Appropriate Practices in Early Childhood Classes Serving Children Birth Through Age 8: A Position Statement of the National Association for the Education of Young Children*. Retrieved from [www.naeyc.org/files/naeyc/file/positions/position%20statement%20Web.pdf](http://www.naeyc.org/files/naeyc/file/positions/position%20statement%20Web.pdf)

<sup>15</sup> Vygotsky, Lev. *Thought and Language*. Cambridge, MA: MIT Press.

<sup>16</sup> Kansas State Department of Education. (2013). *Kansas Early Learning Standards*. Retrieved from [www.ksde.org/Portals/0/Early%20Childhood/KsEarlyLearningStandards.pdf](http://www.ksde.org/Portals/0/Early%20Childhood/KsEarlyLearningStandards.pdf)

<sup>17</sup> Copple, C. and Bredekamp, S. et al. (2014). *Developmentally Appropriate Practice. Focus on Kindergarten*. Washington, DC: National Association for the Education of Young Children.

# LEARNING ENVIRONMENT

“When children are in environments where learning is occurring in a meaningful context, where they have choices and where they are encouraged to follow their interests, learning takes place best.”

- Singer, Golinkoff and Hirsch-Pasek<sup>18</sup>

The developmentally appropriate and rigorous classroom provides opportunities for experimentation, exploration, discovery, inquiry, challenge and interaction. A primary goal of a prekindergarten program is to develop independent, confident learners excited by challenges and opportunities to learn, while also developing a strong base for future learning in each child. The prekindergarten environment, including its physical, social and organizational attributes, plays a critical role in learning. Children feel more secure and learn more readily in programs that:

- Are well organized,
- Provide predictable routines,
- Have consistent expectations,
- Represent the children culturally,
- Demonstrate mutual respect and
- Foster positive relationships with teachers and peers.

<sup>18</sup> Singer, D., Golinkoff, R., and Hirsch-Pasek, K. (Eds.) (2006). *Play = Learning: How Play Motivates and Enhances Children's Cognitive and Social Emotional Growth*. New York: Oxford University Press. p. 9.

## Physical Space

A rich, well-organized classroom environment is an essential part of the curriculum. The manner in which a room is arranged can promote choice and provide direction to children about how to use both materials and space productively. A classroom intentionally designed for purposeful and play-based strategies to activate learning helps children identify talents, passions and interests. Room arrangement and materials affect children's engagement and behavior. As children grow and change, the environment is evaluated and monitored, and adjustments are made for the needs and interests of children.

According to Heroman and Copple,<sup>19</sup> classrooms include these elements:

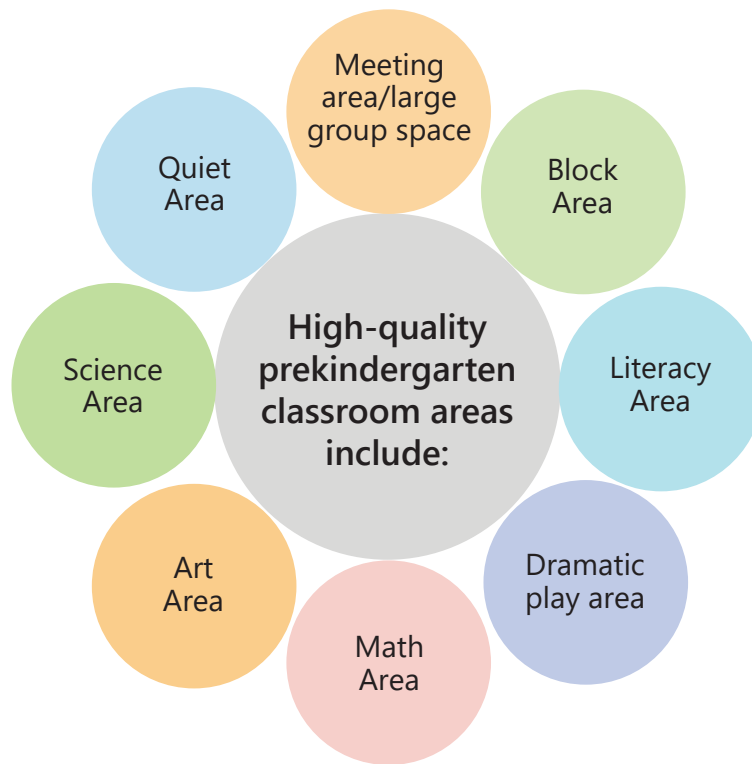
- A space for children to store their work and personal belongings.
- A comfortable place for group meetings that allows children to see one another during discussions.
- A variety of spaces for working that may include tables, centers and open-floor areas.
- Quiet places for working independently, with a friend or in a small group.
- Places for materials to allow for easy access and clean-up after use.
- Places to display children's work in a respectful and attractive manner.

The physical arrangement of the room can help children see and easily move through all areas with purpose. It is important to be mindful of what the arrangement communicates to children. If a teacher sets the classroom up like a racetrack, the children will use it as such. However, when a dynamic space is created, children will question, create and explore.

Children will have a variety of activities available to them throughout the day, including open-ended choices directly aligned to development and standards. Equipment and materials need to be easily accessible to all children, in a designated location and clearly labeled so the children know where to get the materials and where to put them away. Both conventional (e.g., *blocks, Legos*) and unconventional (e.g., *cut pieces of wood or Styrofoam noodles*) materials will be used throughout the room to support problem-solving and the construction of children's knowledge. Teachers need to rotate items within and across centers to foster new ideas and encourage cooperation, collaboration and creativity. When selecting materials and designing the learning environment, consider multiple entry points, size of the space and independence when accessing and using materials.

<sup>19</sup> Heroman, et.al., (2014).





## Meeting Area/Large-group Space

In this space, whole-group lessons can occur such as writing, story time, gross motor activities, morning routines and music. Children can learn valuable skills and standards (e.g., *speaking, listening, reading, writing, social-emotional, responsibility, mathematical thinking, inquiry, problem solving*) during whole-group activities.

## Block Area

Block play is a critical element in a high-quality learning environment. Research strongly suggests working with blocks increases a child's spatial reasoning, which leads to higher achievement in geography, science, technology, engineering and mathematics.<sup>20</sup> The block area can house conventional and nonconventional materials for various building and exploration opportunities to extend pretend play (i.e., *rocks and sprigs, magnifying glasses, felt shapes, and/or various figurines*).

## Literacy Area

Literacy spaces in a high-quality prekindergarten classroom include a child library, a writing area and other literacy materials. In the literacy area, children can explore books, become comfortable with various genres, develop writing skills, read or write alone or with a friend and create stories orally or through print. A literacy area is filled with both fiction

and nonfiction books. However, literacy activities will not live in these spaces alone. For example, the book *"How a House is Built"* by Gail Gibbons<sup>21</sup> may be in the block area and a menu from a local restaurant can be in the dramatic play center. Consider various materials (e.g., *clipboards, felt and/or magnetic letters and chalk*) to engage prekindergarten children in literacy play.

## Dramatic Play Area

The dramatic play area gives children opportunities to use their imagination to act out real-world experiences and explore places from their world, such as home, stores, the post office, restaurants or a pet shop. The dramatic play area also is a powerful place for teachers to intentionally scaffold children's social skills. Children can make meaningful connections in math, while they are measuring, pouring, comparing, counting and playing with money. They can deepen their literacy understanding when they take an order, read from a recipe, write a grocery list or make a birthday invitation. Scaffolding naturally occurs through imaginative play as children explore different roles (e.g., *family member, community helpers*), use new vocabulary words, generate stories and work through feelings and emotions.

20 Tepylo, D. H., Moss, J., and Stephenson, C. (2015). A Developmental Look at a Rigorous Block Play Program. *Young Children*, 70,18-25.

21 Gibbons, G. (1990). *How a House is Built*. New York, NY: Holiday House.

## Math Area

The math area supports opportunities for fine motor work, language and cognitive development, collaboration and social skills. Children engage in reasoning, sorting, classifying, sequencing, comparing, counting, measuring, inquiring, joining and separating sets, recording, defining, estimating and solving meaningful problems at their own level of development and interest. A variety of materials (e.g., *unifix cubes, stringing beads, counters, dominoes, playing cards*) can extend a child's thinking and engage their peers in language necessary for solving problems.

## Art Area

Art is where all children can find a level of success regardless of previous experiences. In the art area, children explore a variety of materials to express his/her experiences and feelings. A child can use imagination to plan and create. They are able to deepen their understandings around technique, two-and three-dimensional studies, spatial relations and learn to persist at open-ended tasks, while also using vocabulary and developing fine motor skills. The classroom walls display

artwork and need to include student language. Children can be encouraged to create materials to be used in other learning areas, (e.g., *child-made puppets in the dramatic play area, trees and people made of paper in the block area*).

## Science Area

Children are naturally inquisitive and full of wonder. Using a child's interest, meaningful connections through observations occur with living and nonliving things. Investigation using the five senses to observe, explore, compare and classify, ask questions and make predictions will build vocabulary. Opportunity to model and use inquiry encourages children to ask questions regardless of experiences.

## Quiet Area

Children need a comfy, private area to be away from others and still feel part of the classroom community. Children will have multiple opportunities throughout the day to self-select this space to think, reflect, relax or problem solve. Items in this space will vary because of a child's needs and may not need to be placed directly in this space (e.g., *calm down tools, blankets, stuffed animals, books*).

## Teacher-Child Interaction

A key factor in the quality of a prekindergarten learning environment is the caliber of the adult-child interactions. The emotional support teachers give to children provides a solid foundation for developing the motivation and cognitive skills critical to positive long-term academic outcomes.<sup>22</sup> According to the NAEYC: *“Young children benefit from opportunities to develop ongoing, trusting relationships with adults outside the family and with other children. Notably, positive teacher-child relationships promote children's learning and achievement, as well as social competence and emotional development.”*<sup>23</sup>

It is the role of the teacher to be responsive to children's needs in a caring and respectful manner. Validating a child's feelings and interests, showing children daily they are cared for and scaffolding a child's ability to self-regulate will support a teacher in establishing positive relationships with children. Social activities are an ongoing part of a prekindergarten's day. Through coaching and encouragement, the teacher can play a significant role in providing opportunities for a child to engage with others in social problem solving. Children need time and a safe environment to work cooperatively with others.

By demonstrating skills the teacher desires for children to emulate, a teacher can support the children in identifying emotions and expressing those emotions in an appropriate manner. While some children require coaching to work in a group, problem solve or enter into a task with peers, other children may need more direct instruction. Knowing the learner allows teachers to select strategies intentionally.

A child's ability to self-regulate happens gradually through strong adult-child interaction and opportunities for learning. Genuine acceptance of all children is the first step in creating a safe learning environment where children can learn to manage their emotions and behaviors. Effective adult-child interactions are an essential ingredient for children's social and academic development. Changes in how adults interact with children do not happen overnight. Quality improvement efforts focused explicitly on teacher-child interactions maximize impacts for children. Carefully designed and implemented professional development support can improve the quality of teacher-child interactions.

<sup>22</sup> Crosnoe, R., Johnson, M. K., and Elder, G. H. Jr. (2004). Intergenerational Bonding in School: The Behavioral and Contextual Correlates of Child-Teacher Relationships. *Sociology of Education*, 77(1), 60-81.

<sup>23</sup> National Association for the Education of Young Children. (2009). *Developmentally Appropriate Practices in Early Childhood Classes Serving Children Birth Through Age 8: A Position Statement of the National Association for the Education of Young Children*. p. 13. Retrieved from [www.naeyc.org/files/naeyc/file/positions/position%20statement%20Web.pdf](http://www.naeyc.org/files/naeyc/file/positions/position%20statement%20Web.pdf). p. 13.

# CLASSROOM MANAGEMENT

“*Child achievement at the end of the year is directly related to the degree to which a teacher establishes good control of the classroom procedures in the very first week of the school year.*”

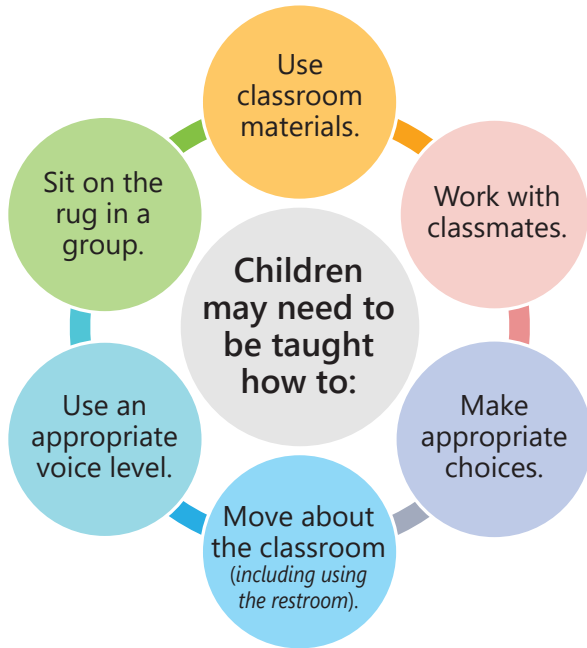
- Wong and Wong<sup>24</sup>

## Establishing Classroom Rules and Procedures

Establishing the routines, structures and expectations begins the very first day of school. The materials available in the classroom influence a teacher's success. It is up to the teacher to set the tone of the classroom. A teacher who is relaxed, happy and uses a warm tone of voice is more likely to draw similar responses from the children. The use of positive reinforcement is preferred; dwelling on misbehavior can perpetuate the challenge. For example: *“I see you are being very careful to put the blocks back in their proper places. That will make it really easy for the next person to find the ones they are looking for.”* Notice and comment on specific behaviors then respond with encouragement rather than praise.

24 Wong, H. K., and Wong, R. T. (2009). *The First Days of School: How to Be an Effective Teacher*. Mountain View, CA: Harry K. Wong Publications. p. 6.

It is important for children to understand the teacher's expectations. Each child needs to know which behaviors are acceptable in the classroom and which behaviors are not.



In a high-quality classroom, there is shared control. Teachers consciously give children some control and decision-making opportunities (e.g., *self-selected projects during work time, daily classroom job and creative play*). Classroom agreements (*rules*) are clear, concise and consistent. Children have age-appropriate choices. Nonnegotiables are known to all. Every classroom has nonnegotiables. Nonnegotiables will always include health and safety rules and will include school and teacher standards and expectations. In addition to introducing classroom procedures, it is important to establish building rules and procedures. Rules will be discussed, demonstrations given and time provided for practice.

## Developing Behavior Patterns

Establishing a pattern of working within a group as a positive member is the educational focus during the first months of prekindergarten. Learning this pattern teaches the child a set of group work skills such as:

- Individual decision-making.
- Independent problem solving.
- Responsible group membership behavior.

These skills are transferred to individual learning situations, thus providing a foundation for schooling. For this reason, it is particularly important to provide each child with time for developing and practicing these skills. Listed below is a sample pattern routine:

- Choose a job/activity/center and work at it appropriately.
- Work for a reasonable period of time.
- Clean up when your work is completed.
- Choose another job and go to work.

## Elements of the Day

High-quality prekindergarten classrooms will have a healthy balance of child-initiated and teacher-led learning opportunities throughout the day. Offering choices to young learners provides deeper engagement in learning. However, a heavy emphasis on child-initiated activities is not a free-for-all. It is in the intentional planning on the part of the teacher for the

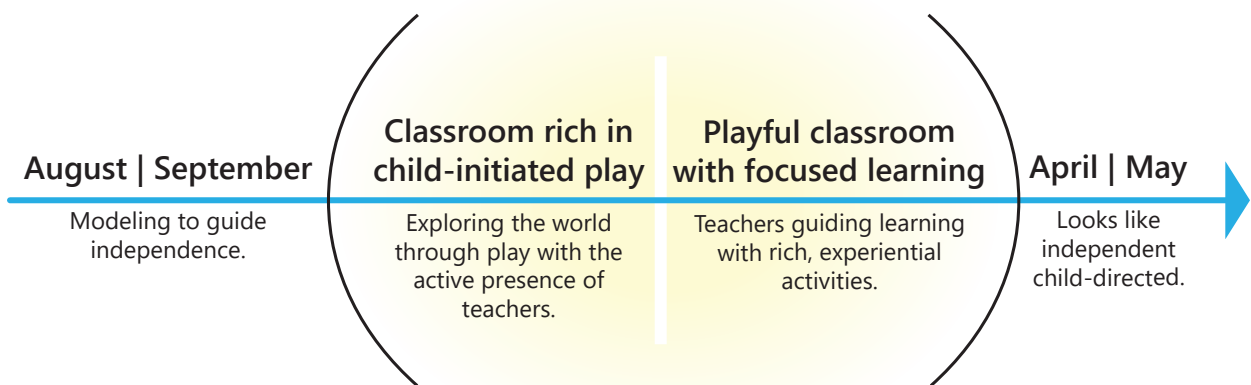
materials, room arrangement, adult-child interactions and structure in how the children engage with peers. Teachers must plan the daily schedule, yet remain flexible, to maintain the balance between child-initiated and teacher-led activities.

The daily schedule includes a mix of whole-group activities, small-group workshops and independent area/centers.<sup>25</sup>

Whole-group times:	Teacher-led, small-group times:	Independent centers/areas:
<ul style="list-style-type: none"> <li>• Build community and common experiences.</li> <li>• Engage in group problem-solving activities.</li> <li>• Introduce and teach skills and concepts.</li> <li>• Practice and review skills not yet mastered.</li> <li>• Perform (sing, dance, act).</li> </ul>	<ul style="list-style-type: none"> <li>• Reinforce skills.</li> <li>• Provide corrective feedback during guided practice.</li> <li>• Provide differentiated instruction.</li> </ul>	<ul style="list-style-type: none"> <li>• Provide independent practice of familiar skills.</li> <li>• Provide connecting and extending activities.</li> <li>• Build independence and self-reliance skills.</li> </ul>

As the year progresses, the prekindergarten schedule will evolve along a continuum from looking like a prekindergarten classroom to looking like a kindergarten classroom.

## Transition THROUGH Prekindergarten



Miller and Almon, “call for educators, their professional organizations, and policymakers to develop as fully as possible the two central methods in the continuum... of approaches to education.”<sup>26</sup>

<sup>25</sup> Heroman and Copple (2006).

<sup>26</sup> Miller, E., and Almon, J. (2009). *Crisis in the kindergarten: Why Children Need to Play in School*. College Park, MD: Alliance for Childhood. Montessori, M. (2018) Retrieved from <http://www.wholechildmontessori.org/montessori/>. p. 12.

A key element of a high-quality prekindergarten is a balanced daily schedule to include play-based learning across the content areas. Not only does play allow children to be creative and use their imagination, play helps children develop decision-making skills, learn to work with others and learn to negotiate in order to solve conflicts. Play is also important for healthy brain development and to increase the child's physical and emotional strength.<sup>27</sup> A balanced schedule allows children to fully engage in planned activity without interruption for extended periods of time. The schedule includes time for content area specific experiences. Literacy, math, science and social studies will be

blended across segments of the day. Content learning does not happen in silos. The schedule is based on the premise children spend most of their time in nonsedentary activities. Hands-on experiences dominate a day and asks each child to explore, apply and extend concepts and ideas from each content area through investigations and projects. Quieter and more active moments are balanced throughout the day. The earlier portion of the day is scheduled with activities requiring more focus.

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27 Ginsburg, K. R., Shifrin, D. L., Broughton, D. D., Dreyer, B. P., Milteer, R. M., Mulligan, D. A., ... Smith, K. (2007). The Importance of Play in Promoting Healthy Child Development and Maintaining Strong Parent-Child Bonds. *Pediatrics*, 119(1), 182-191. DOI: 10.1542/peds.2006-2697

# FAMILY ENGAGEMENT

“The evidence is consistent, positive and convincing: families have a major influence on their children’s achievement. When schools, families and community groups work together to support learning, children tend to do better in school, stay in school longer and like school more.”

- Wong and Wong<sup>28</sup>

Family engagement is a crucial component of high-quality early care and education. Engaging families in their children’s growth and learning can support the healthy social, emotional, cognitive and physical development of young children. These affirmative relationships also support positive lifelong outcomes for children.

28 Wong and Wong (2009).



Halgunseth, Peterson, Stark and Moodie<sup>29</sup> highlight six key factors in their comprehensive definition of family engagement:

1. Early childhood education programs encourage and validate family participation in decision-making related to their children's education. Families act as advocates for their children by actively participating in decision-making opportunities.
2. Consistent, two-way communication is facilitated through multiple forms and is responsive to the linguistic preference of the family. Communication is both program and family initiated, timely and continuous and is about both the child's educational experience as well as the larger program.
3. Families and early childhood programs collaborate and exchange knowledge. Family members share their unique knowledge and skills through volunteering and actively engaging in events and activities. Teachers seek out information about their children's lives, families and communities and integrate this information into their curriculum and instructional practices.
4. Early childhood programs and families place an emphasis on creating and sustaining learning activities at home and in the community to enhance each child's early childhood program.
5. Families create a home environment that values learning and supports programs. Programs and families collaborate in establishing goals to enhance each child's early learning.
6. Early childhood programs create an ongoing and comprehensive system for promoting family engagement by ensuring program leadership and teachers and educators are dedicated, trained and receive the supports they need to fully engage families.

The Kansas Family Engagement and Partnership Standards for Early Childhood were created to:

- Recognize the importance of family engagement as an essential component of early care and education;
- Provide common language for family engagement across the early childhood service systems and among early child care and education professionals; and
- Offer family engagement practices and identify resources to support the implementation of those practices.

These standards include::



In 2008, the Kansas State School Board endorsed the PTA National Standards for Family-School Partnerships. The PTA Standards align with the *Kansas Family Engagement and Partnerships Standards for Early Childhood*<sup>30</sup> and provide a continuum of family engagement beginning at cradle and continuing through to career. Family engagement is a crucial component of High-quality early care and education. Engaging families in their children's growth and learning can support the healthy social, emotional, cognitive and physical development of young children. These affirmative relationships also support positive lifelong outcomes for children.

<sup>29</sup> Halgunseth, L. C., Peterson, A., Stark, D. R., and Moodie, S. (2009). Family Engagement, Diverse Families and Early Childhood Education Programs: An Integrated Review of the Literature. Retrieved from [www.naeyc.org/files/naeyc/file/research/FamEngage.pdf](http://www.naeyc.org/files/naeyc/file/research/FamEngage.pdf). p. 3-4.

<sup>30</sup> Kansas State Department of Education. *Kansas Family Engagement and Partnership Standards for Early Childhood*. Retrieved from [https://ksdetas.s3.amazonaws.com/uploads/resource/upload/424/KS\\_Fam\\_Eng\\_Part\\_Stand\\_Early\\_Child\\_web.pdf](https://ksdetas.s3.amazonaws.com/uploads/resource/upload/424/KS_Fam_Eng_Part_Stand_Early_Child_web.pdf)



## Sample Evidence-based Practices for Family Engagement in Schools<sup>31</sup>

1. Create a welcoming school climate.
2. Provide families information related to child development and creating supportive learning environments.
3. Establish effective school-to-home and home-to-school communication.
4. Strengthen families' knowledge and skills to support and extend their children's learning at home and in the community.
5. Engage families in school planning, leadership and meaningful volunteer opportunities.
6. Connect children and families to community resources which strengthen and support children' learning and well-being.

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<sup>31</sup> Henderson, A. T., and Mapp, K. L. (2002). *A New Wave of Evidence: The Impact of School, Family and Community Connections on Child Achievement*. Austin, Texas: National Center for Family and Community Connection in Schools.

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KANSAS PREKINDERGARTEN GUIDE

# KANSAS CURRICULAR STANDARDS: PREKINDERGARTEN

Kansas Curricular Standards provide information on what students should know and be able to do at different grade levels. Kansas curricular standards are guidelines school districts can use to develop their curriculum. **They are not the curriculum.** In Kansas, each school district develops its own curriculum and teachers decide on how they will provide instruction to ensure student learning.

## Approaches To Learning

- Persistence and engagement in learning
- Initiative
- Creativity

## Physical Health and Development

- Large motor skills
- Fine motor skills
- Physical fitness
- Nutrition/healthy eating
- Personal hygiene
- Safety

## Social-Emotional Development

- Character development
- Responsible decision-making and problem solving
- Personal development
- Social development

## Communication and Literacy

- Dual language learners
- Literature
- Information text (nonfiction)
- Foundational skills
- Writing
- Speaking and listening
- Language standards

## Mathematics

- Counting and cardinality
- Operations and algebraic thinking
- Measurement and data
- Geometry

## Science

- Motion and stability: forces and interactions
- Energy
- From molecules to organisms: structures and processes
- Earth systems
- Earth and human activity

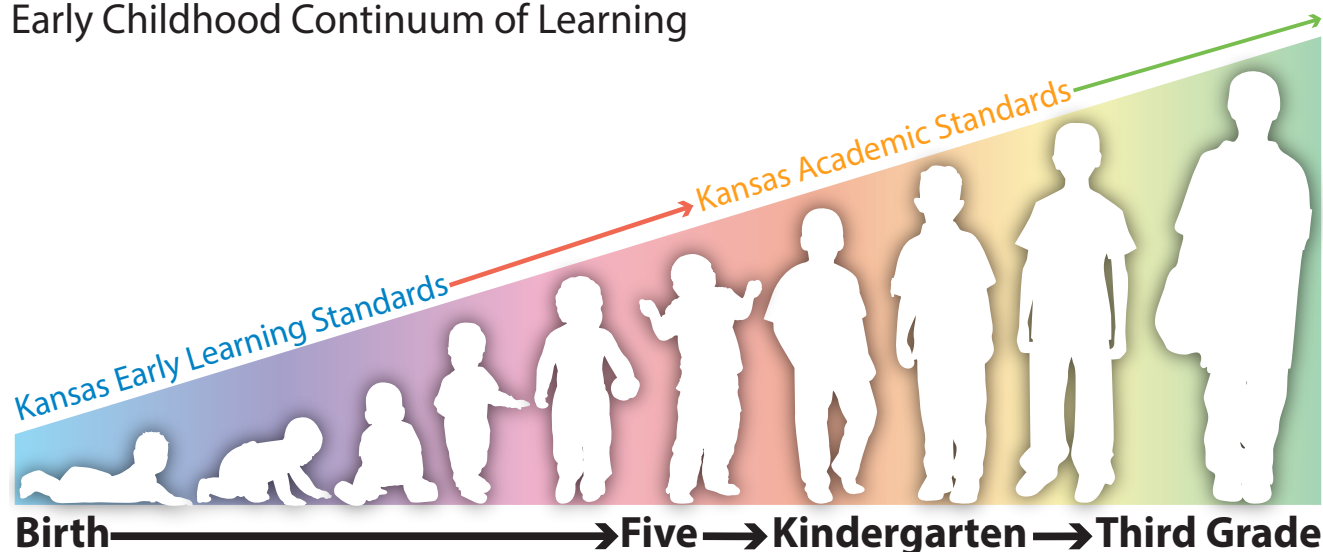
## Social Studies

- Government
- Economics
- Geography
- Kansas, United States and world history

## Creative Arts

- Dance
- Music
- Acting/theater
- Visual arts

## Early Childhood Continuum of Learning



### APPROACHES TO LEARNING

The term “*approaches to learning*” describes the predispositions or styles reflective to the ways children engage in learning and develop inclinations to pursue it. Such predispositions may reflect gender, temperament or cultural patterns and values.<sup>32</sup>

#### Activities in this area include:

- Sustaining attention to task despite distractions.
- Gathering information through listening. Remembers what was said in brief group discussion
- Remembering and following one or two-step directions.
- Staying with a task for at least five minutes.
- Initiating play with other children.
- Identifying a problem, demonstrating flexibility in solving it and changing plans if a better solution is proposed.

### PHYSICAL HEALTH AND DEVELOPMENT

A child’s physical development is essential to their total well-being and is basic for living and learning. Physical development includes nutrition, safety, health (*physical, vision, hearing, oral*), motor development and play skills of all young children. Because it impacts the quality of development, attention must be given to physical health (*including immunizations*), physical activity, safety and nutrition.<sup>33</sup>

#### Activities in this area include:

- Using locomotor skills with increasing coordination and balance during active play (e.g., *runs with a stride, jumps, kicks a ball, uses alternating feet when climbing stairs*).
- Demonstrating increasingly complex oral motor skills (e.g., *drinking through a straw, blowing bubbles*).
- Completing personal care tasks with increasing responsibility (e.g., *bathroom routines, brushes teeth, etc.*).
- Demonstrating an ability to follow emergency routines with adult support (e.g., *lining up to exit building during a fire drill*).

<sup>32</sup> Kansas State Department of Education. Kansas Early Learning Standards. p. 9.

<sup>33</sup> Ibid., p. 14.

## SOCIAL-EMOTIONAL DEVELOPMENT

Kansans said they want each student to develop the social, emotional and character competencies that promote learning and success in life. Social-emotional well-being determines how children think, feel and act. Social skills are the foundation for optimal learning in all areas of growth and development. Social skills, self-regulation, friendship skills and social problem-solving will continue to be taught jointly beside academic skills in early childhood classrooms since they are likewise critical for school success.<sup>34</sup>

### Activities in this area include:

- Showing awareness of and responds to feelings and emotions of others with adult guidance and support.
- Beginning to work with others as part of a team makes decisions with other children, with adult assistance.
- Stating personal information (e.g., *name and age, names of family members, names of neighbors*).
- Making known personal needs and desires.
- Demonstrating an understanding of and responding to needs of others and people in distress.
- Adjusting behavior to different settings (e.g., *“inside voice”*).
- Resolving conflicts with peers, seeking adult assistance when necessary.

## COMMUNICATION AND LITERACY SKILL DEVELOPMENT

As we communicate through language, we clarify and expand our thinking. The preliteracy skills developed in early childhood set the foundation for creating a well-educated and responsible citizen. Given appropriate experiences, children are more likely to be successful in learning to read and write.<sup>35</sup>

### Activities in this area include:

- Using pictures and illustrations to tell and retell parts of a story.
- Answering simple “wh” questions about the topic presented in the text (e.g., *what, where, when, why*).
- Interacting with a variety of common types of texts (e.g., *storybooks, poems, songs*).
- Identifying the front cover, back cover and title page of a book.
- Demonstrating an understanding of how print is read (i.e., *left to right, top to bottom, front to back*) and how print conveys meaning (i.e., *environmental print*).
- Recognizing and naming some upper and lowercase letters in addition to those in first name.
- Distinguishing, recognizing and producing rhyming words.
- Demonstrating basic knowledge of letter-sound correspondence by producing the sound of some letters.
- Using a combination of drawing, dictating or emergent writing to express thoughts and ideas.
- Speaking understandably (*familiar and unfamiliar listeners*) to express ideas, feelings and needs.

<sup>34</sup> Kansas State Department of Education. Kansas Early Learning Standards. p. 19.

<sup>35</sup> Ibid., p. 28.

## MATHEMATICAL KNOWLEDGE

Children at play begin to learn essential math skills such as counting, equality, addition, subtraction, estimation, planning, patterns, classification and measurement. They compare, notice similarities and differences and group toys and materials. This ability to organize information into categories, quantify data and solve problems helps children learn about time, space and numbers.<sup>36</sup>

### Activities in this area include:

- Counting in sequence.
- Demonstrating an understanding of number names represented with a written numeral.
- Understanding the relationship between numbers and quantities to 10.
- Identifying whether the number of objects in one group is more or less as compared to the number of objects in another group.
- Using concrete objects including shapes to copy simple patterns.
- Describing objects in the environment using names of shapes and uses actions and words to indicate relative positions of these objects (e.g., *over, inside, close to, far away*).

## SCIENCE

Science learning provides children with the opportunity to explore, investigate and problem solve. Through children's science explorations, they learn to record and document their observations of changes, identify patterns and discuss relationships to help build understanding. Science feeds the curiosity of children -and the scientific problem-solving of investigative play supports and enhances children's learning; helping them to better understand their world. Using a curriculum aligned with the science standards, adults can provide these experiences through intentional teaching. Children at all ages need to learn a variety of age appropriate strategies to safely explore their world.<sup>37</sup>

### Activities in this area include:

- Exploring and experimenting with familiar and unfamiliar objects to examine how objects move when acted on by force (e.g., *pushing, pulling, throwing, twisting, gravity*).
- Understanding and explaining why plants and animals need air, food and water.
- Observing and discussing changes in weather and seasons using common weather-related vocabulary (e.g., *rainy, sunny, cold, windy*).
- Demonstrating an understanding of living things that exist in different habitats (e.g., *fish can live in the ocean because they can breathe underwater*).

<sup>36</sup> Kansas State Department of Education. Kansas Early Learning Standards. p. 40.

<sup>37</sup> Ibid., p. 47.

## SOCIAL STUDIES

Young children need to learn about and understand life within their families and communities. ‘*Social studies*’ includes learning about the world in which one lives-and understanding how one’s family and community fit into a larger world of the state and the country.<sup>38</sup>

### Activities in this area include:

- Naming family members by relationships (e.g., *dad, sister, cousin*) and Identifies identifying leaders at home and school (e.g., *parents, guardians, teachers, principal*).
- Recognizing people have wants and must make choices because resources and materials are limited (e.g., *offers to take turns with scissors when only one pair is available*).
- Demonstrating an understanding of money (*can be exchanged for goods and services*).
- Using words to indicate direction.
- Demonstrating an emerging understanding of helping with home and classroom routines improves the quality of the environment.
- Using word or phrases to differentiate between events that happened in the past, the present and the future (e.g., “*when I was a baby ...*” or “*before I moved into my new house.*”).
- Describing some of the holidays, foods and special events related to his/her own culture or acts them out in dramatic play.
- Naming city and state where he/she lives.

## CREATIVE ARTS

Creative arts include physical movement, responding, creating and understanding within the areas of dance, music, theater and visual arts.<sup>39</sup>

### Activities in this area include:

- Dance
  - Moving all body parts including cross lateral movements (balancing on one foot, skipping, sliding, leaping, etc.).
  - Dancing or moving in response to a simple rhythm pattern.
  - Combining axial and locomotor movements together.
  - Listening to musical cues and teacher instruction and dancing with purpose attentive to music and instruction.
- Music
  - Singing simple songs.
  - Moving to music: marching, galloping, hopping, tiptoeing, etc.
  - Creating own songs and movements, includes musical instruments.
  - Demonstrating understanding of concepts using vocal and physical movement and instruments: soft/loud, high/low, fast/slow.
- Theater
  - Reciting nursery rhymes and simple songs.
  - Participating in songs, stories, finger plays, chants and dramatic play with voice and body together.
  - Using props/objects in creative ways to promote and create stories
  - Retelling stories.
- Visual Arts
  - Using a variety of materials and tools to create art.
  - Exploring more complex art activities.
  - Working independently to create work that requires some planning - usually a person with head and 2 vertical lines for legs and combines multiple media (e.g., building sculpture then painting sculpture; painting paper then printing on it).
  - Demonstrating understanding of art vocabulary and concepts and discusses own artistic creations and those of others.

<sup>38</sup> Kansas State Department of Education. *Kansas Early Learning Standards*. p. 53.

<sup>39</sup> Ibid., p. 58.



## Multi-Tiered Systems of Supports

A Multi-Tiered System of Supports (MTSS) is a set of evidence-based practices implemented across a system to meet the needs of all learners. Horner stressed the importance of supporting children both academically and behaviorally to enable them to reach their fullest learning potential.<sup>40</sup> The application of an MTSS system in preschool looks slightly different than what may be put in place for school-aged students. However, the basic processes and practices will look similar.<sup>41</sup>

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40 Horner, R.H., Carr, E.G., Halle, J., McGee, G., Odom, S. and Wolery, M. (2005). The Use of Single-Subject Research to Identify Evidence-Based Practice in Special Education. *Exceptional Children*. Vol. 71, 2.

41 For more information about the application of Kansas MTSS in preschool programs, see the Kansas MTSS Early Childhood Structuring ([www.ksdetasn.org/mtss/structuring-guides](http://www.ksdetasn.org/mtss/structuring-guides)) and Implementation ([www.ksdetasn.org/mtss/implementation-guides](http://www.ksdetasn.org/mtss/implementation-guides)) Guides.

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# ASSESSMENT

“*Developmentally appropriate assessments can be a means of maintaining and regaining joyful learning. Assessment can inform teaching so that developmentally and culturally appropriate practices are preserved and academic standards are met.*”

- Gullo as quoted in Hughes and Gullo<sup>42</sup>

Early childhood assessments gather and provide educators, parents and families with critical information about a child’s development and growth. Prekindergarten programs will incorporate a variety of developmentally appropriate formal (e.g., assessment tools, questionnaires and standardized testing) and informal (e.g., natural observations, collecting data, child work samples) screening and assessment methods and tools to guide curriculum implementation and monitor children’s growth over time.

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42 Gullo (2014)

# Developmentally Appropriate Assessments

According to Resources for Early Learning,<sup>43</sup> early childhood assessment methods include:

- Observations can be made with minimal or no intrusion into children's activities. Educators can observe all facets of development, including intellectual, linguistic, social-emotional and physical development, on a regular basis.
- Portfolios are a record of data collected through the work children have produced over a period of time. The collection clearly shows the progress of a child's development. Portfolios can be an important tool in helping facilitate a partnership between teachers and parents.
- Educator ratings are useful in assessing children's cognitive and language abilities as well as their social-emotional development. These ratings can be linked to other methods of assessment, such as standardized testing or other assessment tools.
- Parent ratings integrate parents into the assessment process. Parents who are encouraged to observe and listen to their child can help detect and target important milestones and behaviors in their child's development.
- Standardized tests are tests created to fit a set of testing standards. These tests are administered and scored in a standard manner and are often used to assess the performance of children in a program.

One of the best contexts for observing children's development is within familiar settings and routines. Authentic assessment methods can provide a more accurate representation of development and learning and include methods such as work samples with teacher narratives, child portfolios, photographs and learning stories which capture learning through photographs, videotapes and anecdotal documentation. It is essential for early childhood educators to include authentic assessment, embedded within everyday activities, to understand the growth and progress of individual students.

One of the main purposes of a prekindergarten assessment system is the linking of assessment results with the planning of curriculum and intervention when necessary. The use of ongoing, evidence-based assessments, help educators to plan individualized educational experiences to enhance the development of each child. When schools implement a multi-tiered system of supports, universal screening assessments can be used to more closely monitor reading, math and social emotional skills and help identify children who may need targeted and intensive intervention.

The use of accurate, valid and reliable assessments throughout the year, combined with prevention strategies and interventions, can ensure prekindergarten children receive timely and successful instruction and support. Assessments must be purposeful. Programs shall take time to consider the assessments they administer and ensure assessment practices are streamlined without overlap or duplication of the information already collected.

<sup>43</sup> Resources for Early Learning (2014)

# PROGRAM STRUCTURES

“High-quality ECE programs employ knowledgeable, highly skilled teachers who receive strong support and coaching, use research-based curricula, provide access to a variety of developmentally appropriate materials and activities and have small class sizes and low child to teacher ratios”<sup>44</sup>

As school districts recruit and employ teachers, it is important to carefully consider educators’ training and prior teaching experiences. Aside from the teacher having the proper credentials, administrators shall consider the individual’s experiences working with young children, particularly with prekindergarteners.

43 Barnett et al. (2016). Espinosa (2002). Mashburn et al. (2008).

Holding the proper credential(s) does not necessarily ensure the candidate has the knowledge and expertise to support the youngest learners. In order to provide intentional instruction, a teacher must be able to call upon sound judgment, content knowledge, developmental knowledge, and knowledge of individual children's needs in order to provide instruction to ensures outcomes (*across all domains*) are met. Without specialized training, prekindergarten teachers are less likely to be able to provide effective intentional instruction. Having a deep understanding of how children grow and learn is essential in setting up a learning environment for prekindergarten children.

A highly qualified teacher can take into account what a child may know and be able to do, and infuse these milestones into lesson planning, the classroom environment, adult-child interactions, and the curriculum. A prekindergarten teacher, as an early learning instructor, is nurturing and understands

the importance of play as a required instructional strategy. A highly-qualified, prekindergarten teacher uses ongoing observational assessment to make formative instructional decisions. He or she is able to set up structures to teach children to be independent, problem solve and self-regulate through play-based learning.

Some qualities effective teachers display include:

- Passion for prekindergarten children and their learning.
- Ability to develop meaningful relationships with families and children.
- Ability to create a warm, responsive classroom environment.
- Understanding of content material and developmentally appropriate pedagogy.

## Professional Development

Formal, informal, ongoing and job-embedded professional-development will be provided at the local and state level to help educators hone their craft. This type of professional development

will ensure Kansas prekindergarten educators have a deep understanding of developmentally appropriate practice and the skills to apply knowledge to their instructional practices.

# State and Federal Programs

A number of state and federal programs provide additional support for children in prekindergarten classrooms. These programs include a range of support including providing services for English language learners, children with special needs, and children who are considered highly capable. Information regarding some of these programs can be found in the links below:

## Special Education:

[www.ksde.org/Agency/Division-of-Learning-Services/Early-Childhood-Special-Education-and-Title-Services/Special-Education](http://www.ksde.org/Agency/Division-of-Learning-Services/Early-Childhood-Special-Education-and-Title-Services/Special-Education)

## Federal Title I Program, Part A:

[www.ksde.org/Agency/Division-of-Learning-Services/Early-Childhood-Special-Education-and-Title-Services/Title-Services/Federal-Programs/Title-I-Part-A](http://www.ksde.org/Agency/Division-of-Learning-Services/Early-Childhood-Special-Education-and-Title-Services/Title-Services/Federal-Programs/Title-I-Part-A)

## Bilingual and Migrant Education:

[www.ksde.org/Agency/Division-of-Learning-Services/Early-Childhood-Special-Education-and-Title-Services/Title-Services/Title-III-State-ESOL](http://www.ksde.org/Agency/Division-of-Learning-Services/Early-Childhood-Special-Education-and-Title-Services/Title-Services/Title-III-State-ESOL)

## Gifted Highly-Capable:

[www.ksde.org/Agency/Division-of-Learning-Services/Early-Childhood-Special-Education-and-Title-Services/Special-Education/Gifted-Education-Services](http://www.ksde.org/Agency/Division-of-Learning-Services/Early-Childhood-Special-Education-and-Title-Services/Special-Education/Gifted-Education-Services)

## Teacher/Principal Evaluation:

[www.ksde.org/Agency/Division-of-Learning-Services/Teacher-Licensure-and-Accreditation/Educator-Evaluations/KEEP-Districts/KEEP-for-Districts](http://www.ksde.org/Agency/Division-of-Learning-Services/Teacher-Licensure-and-Accreditation/Educator-Evaluations/KEEP-Districts/KEEP-for-Districts)

## Kansas Academic Standards:

[community.ksde.org/Default.aspx?tabid=4754](http://community.ksde.org/Default.aspx?tabid=4754)

## Child Care Aware:

<http://www.childcareaware.org/state/kansas/>

## Parents as Teachers:

[www.ksde.org/Agency/Division-of-Learning-Services/Early-Childhood-Special-Education-and-Title-Services/Early-Childhood/Early-Childhood-Parent-Involvement](http://www.ksde.org/Agency/Division-of-Learning-Services/Early-Childhood-Special-Education-and-Title-Services/Early-Childhood/Early-Childhood-Parent-Involvement)

## Kansas State Department of Education:

[www.ksde.org](http://www.ksde.org)

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## KANSAS PREKINDERGARTEN GUIDE

# APPENDIX

*K Today: Teaching and Learning in the Kindergarten Year.* Dominic F. Gullo, ed.

Kansas State Department of Education, Early Childhood, Special Education and Title Services  
(2017) *Kansas Full-Day Kindergarten Guide*.

Kansas State Department of Education. (2014). *Kansas Early Learning Standards: Building the Foundation for Successful Children*. Retrieved from [www.ksde.org/Portals/0/Early%20Childhood/Early%20Learning%20Standards/KsEarlyLearningStandards.pdf](http://www.ksde.org/Portals/0/Early%20Childhood/Early%20Learning%20Standards/KsEarlyLearningStandards.pdf)







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