

# Kiddie Academy® Life Essentials® Preschool/Pre-K Curriculum Exceeds Maryland State Standards



MATHEMATICS	MD	Life Essentials®
<b>NUMBER SENSE</b>		
Recites numbers in order	✓	✓
Associates number names and quantities with written numerals	✓	✓
Determines quantity through one-to-one correspondence and subitizing	✓	✓
Uses the name of the last number counted to identify the number of objects in a set	✓	✓
<b>ORGANIZING DATA</b>		
Sorts, matches, and classifies objects by attributes	✓	✓
Represents data with concrete objects, pictures, and graphs		✓
Creates patterns by repeating a unit		✓
<b>GEOMETRY</b>		
Identifies and describes common shapes and their attributes	✓	✓
Describes directionality, order, and position of objects		✓
Names, draws, and constructs two- and three-dimensional shapes		✓
<b>ALGEBRAIC OPERATIONS</b>		
Demonstrates the concept of addition as putting together or adding to, and subtraction as taking apart or taking away	✓	✓
Counts, compares, and describes two sets of objects using terms such as more, less, same, greater, fewer, or equal	✓	✓
Identifies the new quantity or number created when objects or numbers are combined or separated		✓
<b>MEASUREMENT</b>		
Describes and compares measurable attributes of objects	✓	✓
Uses standard and nonstandard tools to measure objects	✓	✓

SCIENCE AND TECHNOLOGY	MD	Life Essentials®
<b>INQUIRY SKILLS</b>		
Asks questions and makes predictions based on observations and manipulation of materials	✓	✓
Tests predictions through experimentation	✓	✓
Uses simple tools and equipment for investigation		✓
<b>LIFE SCIENCE</b>		
Compares characteristics of living and non-living things		✓
Observes life cycles of plants, insects, and animals		✓
Explores relationships between living things and environments		✓
Identifies body parts and describes their functions		✓
Identifies the five senses and describes their functions		✓
<b>EARTH AND ENVIRONMENT</b>		
Describes properties of natural materials such as rocks, dirt, sand and water		✓
Explores changes in seasons and weather		✓
Observes characteristics of the sun, moon, stars, and sky		✓
Identifies natural and human-made environmental features		✓
Discusses ways to protect the environment		✓
<b>PHYSICAL SCIENCE</b>		
Explores physical properties of objects and their materials		✓
Compares properties of liquids and solids, and how they change when combined, heated, or cooled		✓
Investigates energy sources such as light, heat and electricity		✓
<b>TECHNOLOGY AND ENGINEERING</b>		
Demonstrates safe and proper use of tools and materials		✓
Designs things using simple tools and a variety of materials		✓
Identifies parts and how they connect and affect other parts		✓
Uses simple machines and investigates motion		✓
Uses electronic devices independently and appropriately		✓
Uses technology to communicate, solve problems, and gain information		✓

APPROACHES TO LEARNING	MD	Life Essentials®
Displays initiative, self-direction, and independence	✓	✓
Demonstrates creativity, imagination, and inventiveness		✓
Attends to tasks for brief periods and seeks help as needed	✓	✓
Maintains challenging tasks	✓	✓
Engages in cooperative play	✓	✓
Demonstrates positive social behaviors such as helping, sharing, and taking turns	✓	✓
Follows rules and makes age-appropriate decisions about behavior	✓	✓
Identifies and seeks solutions to problems	✓	✓
Applies what is learned to new situations	✓	✓

PHYSICAL DEVELOPMENT AND HEALTH	MD	Life Essentials®
Develops healthy habits	✓	✓
Demonstrates self-help and hygiene skills	✓	✓
Engages in physical fitness activities and active play		✓
Demonstrates awareness of body and senses		✓
Describes and follows safety rules	✓	✓
Discusses appropriate responses to emergency situations		✓
Uses eye-hand coordination to perform fine motor tasks	✓	✓
Uses tools to draw and write with increasing control	✓	✓
Moves with balance, control, and coordination	✓	✓
Combines movements for gross motor skills	✓	✓

SOCIAL AND EMOTIONAL DEVELOPMENT	MD	Life Essentials®
Recognizes one's own unique personal qualities		✓
Expresses positive feelings and confidence in self and abilities		✓
Regulates personal responses to needs, feelings, and events	✓	✓
Uses coping skills independently		✓
Uses classroom materials appropriately		✓
Develops social skills to maintain positive relationships	✓	✓
Demonstrates positive behaviors and expresses emotions appropriately	✓	✓

SOCIAL STUDIES	MD	Life Essentials®
<b>SELF, FAMILY, AND COMMUNITY</b>		
Demonstrates awareness of self as a unique individual		✓
Identifies similarities and respects differences among people and how they live		✓
Recognizes that people belong to families, and that family structures may vary		✓
Develops appreciation for one's own culture and other cultures		✓
<b>HISTORY</b>		
Recognizes events that happened in the past	✓	✓
Discusses how things, people and places change over time		✓
<b>GEOGRAPHY</b>		
Explores environments where people live, work and play		✓
Demonstrates how maps and globes are used to locate places		✓
Describes the roles of transportation and communication in connecting people and places		✓
<b>CITIZENSHIP</b>		
Discusses reasons for rules and laws	✓	✓
Engages in group decision-making		✓
Identifies symbols, practices, and traditions associated with one's hometown, state, and the United States of America		✓
<b>ECONOMICS AND RESOURCES</b>		
Discusses how trade and money are used to obtain goods and services		✓
Recognizes wants versus basic necessities		✓
Describes roles and contributions of community workers		✓

LANGUAGE AND LITERACY	MD	Life Essentials®
<b>ALPHABET AND PHONOLOGICAL AWARENESS</b>		
Recognizes uppercase and lowercase letter symbols	✓	✓
Recognizes some sounds associated with letters	✓	✓
Identifies initial and final sounds in spoken words	✓	✓
Identifies, blends, and segments syllables	✓	✓
Recognizes rhyming words in spoken language	✓	✓
Begins to recognize familiar words and environmental print		✓
<b>WRITTEN LANGUAGE</b>		
Produces scribbles, letter-like shapes, symbols, or letters to convey meaning	✓	✓
Begins to print letters of own name	✓	✓
Uses a combination of drawing, dictation and developmentally appropriate writing to record ideas	✓	✓
<b>COMPREHENSION</b>		
Identifies main characters and major events in a story		✓
Sequences events by retelling, dramatizing, drawing, writing	✓	✓
Compares and contrasts characters from familiar stories		✓
Explains how illustrations and photographs support the text		✓
<b>CONVENTIONS OF ENGLISH</b>		
Uses increasingly complex sentences and vocabulary		✓
Determines meaning of unknown words using context clues	✓	✓
Describes familiar people, places, things, and events		✓
Develops understanding of the conventions of Standard English grammar and usage	✓	✓
Uses question words appropriately	✓	✓
Uses complete sentences of varying length	✓	✓
<b>ORAL LANGUAGE</b>		
Speaks clearly to be understood in a variety of settings	✓	✓
Participates in and extends conversations	✓	✓
Asks questions to seek help or obtain information		✓
Demonstrates understanding by following oral directions		✓
<b>ENGLISH LANGUAGE LEARNERS</b>		
Engages in various forms of non-verbal communication		✓
Responds to increasingly complex English vocabulary		✓
Begins to use single English words and simple phrases to communicate meaning		✓
<b>WORLD LANGUAGES</b>		
Discusses how people use different languages (including sign language) to communicate		✓
Expresses simple words, phrases, and greetings in a language other than one's own		✓

CREATIVE ARTS	MD	Life Essentials®
<b>MOVEMENT AND DANCE</b>		
Expresses concepts, ideas, or feelings through movement	✓	✓
Participates in cultural music and movement activities		✓
<b>MUSIC</b>		
Participates in music activities by listening, singing, performing	✓	✓
Experiments with a variety of musical instruments	✓	✓
Describes various musical tempos and styles		✓
<b>DRAMA AND STORYTELLING</b>		
Uses dialogue, movements, and objects to tell a story or express thoughts and feelings	✓	✓
Displays creativity and imagination while acting out roles in dramatic play situations	✓	✓
<b>VISUAL ARTS</b>		
Uses a variety of materials and techniques to create art forms		✓
Represents thoughts, feelings, experiences, and/or knowledge in artistic creations	✓	✓
Discusses one's own art as well as the art of others	✓	✓

The Kiddie Academy preschool curriculum standards exceed those required by your state, and are the most comprehensive compared to many other states across the United States.