

# PRE-KINDERGARTEN CURRICULUM

## (4-Year-Olds)

### "School-Ready Stars" Program

#### Program Philosophy

Our Pre-K curriculum provides comprehensive preparation for elementary school success through rigorous academics balanced with social-emotional development and creative expression. Four-year-olds are challenged intellectually while developing independence and leadership skills.

#### Daily Schedule Framework

##### **6:30 AM - 8:30 AM:** Early Learning and Breakfast

- Arrival routine and morning responsibilities
- Independent breakfast service and cleanup
- Educational choice activities and center preparation

##### **8:30 AM - 9:15 AM:** Morning Meeting and Leadership

- Circle time with student leaders
- Calendar math and weather analysis

- News sharing and public speaking practice

**9:15 AM - 10:45 AM:** Academic Learning Blocks

- Literacy workshop with guided reading
- Mathematics workshop with problem solving
- Science investigation and documentation
- Social studies exploration and discussion

**10:45 AM - 11:00 AM:** Brain Break and Snack

- Mindful eating and social conversation
- Physical movement and energy renewal
- Preparation for continued learning

**11:00 AM - 12:00 PM:** Outdoor Learning Laboratory

- Nature-based science investigations
- Physical education and sports skills
- Environmental stewardship activities
- Weather and seasonal observations

**12:00 PM - 12:45 PM:** Lunch and Social Development

- Family-style dining with conversation

- Cultural food appreciation
- Table manner refinement and etiquette

**12:45 PM - 1:30 PM: Quiet Time and Reflection**

- Silent reading and literature appreciation
- Mindfulness and relaxation techniques
- Individual reflection and goal setting

**1:30 PM - 2:30 PM: STEAM Integration**

- Science, Technology, Engineering, Arts, Mathematics projects
- Coding and computer skills introduction
- Design thinking and innovation challenges

**2:30 PM - 3:00 PM: Afternoon Snack and Community**

- Nutritious snack service and discussion
- Peer interaction and friendship building
- Conflict resolution and problem solving

**3:00 PM - 4:00 PM: Specialized Learning**

- Foreign language introduction (Spanish)
- Advanced art techniques and appreciation

- Music theory and instrument instruction
- Physical education and sports fundamentals

#### **4:00 PM - 5:00 PM: Project Work and Portfolio**

- Long-term project development
- Portfolio creation and organization
- Presentation skill development

#### **5:00 PM - 6:30 PM: Leadership and Reflection**

- Helping younger children (mentorship)
- Daily reflection and goal assessment
- Family communication and transition

#### **Curriculum Components**

##### **Advanced Literacy Development**

- **Phonics Mastery:** Consonant and vowel sounds, blending, segmenting, decoding strategies
- **Reading Comprehension:** Main idea identification, character analysis, prediction skills, inference making
- **Vocabulary Expansion:** Academic vocabulary, context clues, word relationships, dictionary skills

- **Writing Development:** Sentence construction, paragraph formation, creative writing, editing practice
- **Research Skills:** Information gathering, source evaluation, note-taking, presentation creation

## **Mathematical Proficiency**

- **Number Operations:** Addition and subtraction concepts, number line usage, fact families, word problems
- **Advanced Geometry:** 3D shapes, symmetry, coordinate grids, measurement applications
- **Data Analysis:** Advanced graphing, probability concepts, survey design, statistical thinking
- **Algebraic Thinking:** Pattern analysis, function understanding, problem-solving strategies
- **Mathematical Communication:** Explaining thinking, mathematical vocabulary, proof concepts

## **Scientific Understanding**

- **Engineering Design Process:** Problem identification, solution brainstorming, testing, redesigning

- **Life Sciences:** Ecosystems, adaptation, classification, scientific method application
- **Physical Sciences:** Energy forms, simple machines, chemical changes, physics principles
- **Earth Sciences:** Weather systems, geological processes, astronomy basics, environmental science
- **Scientific Literacy:** Research skills, data interpretation, scientific communication

### **Social Studies Mastery**

- **Civic Responsibility:** Government basics, voting processes, community participation
- **Cultural Studies:** World cultures, diversity appreciation, historical perspectives
- **Geographic Skills:** Map reading, coordinate systems, landform identification, global awareness
- **Economic Concepts:** Needs vs. wants, goods and services, money management, career exploration
- **Historical Thinking:** Timeline creation, cause and effect analysis, primary source evaluation

## Arts Integration

- **Visual Arts:** Advanced techniques, art history, cultural art forms, critique skills
- **Music Education:** Note reading, composer studies, instrument instruction, performance skills
- **Dramatic Arts:** Script reading, character development, stage presence, creative expression
- **Creative Movement:** Dance forms, choreography, cultural dances, physical expression

## Leadership and Life Skills

- **Executive Function:** Planning, organization, time management, goal setting
- **Communication Skills:** Public speaking, active listening, debate basics, presentation skills
- **Critical Thinking:** Problem analysis, solution evaluation, decision making, logical reasoning
- **Collaboration:** Teamwork, compromise, leadership roles, group dynamics

- **Self-Advocacy:** Need communication, help-seeking, conflict resolution, assertiveness

### **Kindergarten Transition Planning**

**Academic Assessment:** Regular evaluation of kindergarten readiness skills including reading level, mathematical understanding, and academic independence

**Social-Emotional Readiness:** Assessment of self-regulation, peer interaction, authority respect, and emotional maturity

**Independence Skills:** Evaluation of self-care abilities, responsibility management, and problem-solving capacity

**School Visits:** Coordination with local elementary schools for transition visits and kindergarten teacher meetings

**Family Partnership:** Regular communication with families about kindergarten readiness, school selection guidance, and home support strategies for continued success