

# The TeachSmart® Learning System by Hatch®

## Correlated to the New York Early Learning Standards

### Pre-kindergarten Reading

New York Early Learning Standard	TeachSmart® Learning System
<b>Literacy Competencies</b>	
<b>Standard 1:</b> Students will read, write, listen, and speak for information and understanding.	✓
<b>Standard 2:</b> Students will read, write, listen, and speak for literacy response and expression.	✓
<b>Standard 3:</b> Students will read, write, listen, and speak for critical analysis and evaluation.	✓
<b>Standard 4:</b> Students will read, write, listen and speak for social interaction.	✓
<b>Phonological Awareness and Phonemic Awareness</b>	
Listen to and identify spoken sounds in the environment	✓
Identify and produce spoken words that rhyme including word families	✓
Count or tap the number of syllables in multisyllabic words to show awareness of the syllable as a discrete unit	✓
Count or tap the number of words in spoken sentence to show awareness of the word as a discrete unit.	✓
<b>Print Awareness</b>	
Understand that the purpose of print is to communicate	✓
Follow left-to-right and top-bottom direction when reading English	✓
Distinguish between letters and words to show awareness of printed letters	✓
Distinguish between print and pictures to show awareness of printed words	✓
Point to print as individual words are spoken to show awareness of printed words	✓
<b>Alphabet Recognition and Phonics</b>	
Recognize and identify letters of the alphabet, especially those in own name	✓



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### Pre-kindergarten Reading

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Fluency	✓
Read own name	✓
Recognize and identify environmental print including signs and labels	✓
<b>Background Knowledge and Vocabulary Development</b>	
Learn and use new words in spoken communication	✓
Learn new words from books	✓
Use new vocabulary words to talk about life experiences	✓
Connect vocabulary and life experiences to ideas in books	✓
<b>Comprehensive Strategies</b>	
Show interest in reading for different purposes (e.g. gaining information about the world and others)	✓
Make prediction about story events	✓
Retell stories with attentiveness to the sequence of events and main ideas	✓
Ask and answer questions about the content of books	✓

### Pre-kindergarten Writing

New York Early Learning Standard	TeachSmart® Learning System
<b>Literacy Competencies</b>	
<b>Standard 1:</b> Students will read, write, listen, and speak for information and understanding.	✓
<b>Standard 2:</b> Students will read, write, listen, and speak for literary response and expression.	✓
<b>Standard 3:</b> Students will read, write, listen, and speak for critical analysis and evaluation.	✓



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### Pre-kindergarten Writing

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<b>Standard 4:</b> Students will read, write, listen, and speak for social interaction.	✓
<b>Spelling</b>	
Use sound or invented spelling to spell independently	✓
Write correctly own first name	✓
<b>Handwriting</b>	
Write some uppercase and lowercase manuscripts letters, especially those in own name	✓
<b>Composition</b>	
Label drawings with letters or words	✓
“Write” messages as parts of play	✓
“Write” by using painting, drawing, letters, and some words	✓
<b>Motivation to Write</b>	
“Write” and draw spontaneously to communicate meaning	✓
Show interest in sharing writing and drawing with others	✓

### Pre-kindergarten Listening

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<b>Literacy Competencies</b>	
<b>Standard 1:</b> Students will read, write, listen, and speak for information and understanding.	✓
<b>Standard 2:</b> Students will read, write, listen, and speak for literary response and expression.	✓
<b>Standard 3:</b> Students will read, write, listen, and speak for critical analysis and evaluation.	✓



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<b>Standard 4:</b> Students will read, write, listen, and speak for social interaction.	✓
<b>Listening</b>	
Listening attentively to spoken language (e.g., books read aloud, rhyming words, songs)	✓
Listen attentively for different purposes (e.g., to track individual words as they are spoken, to gain information)	✓
Understand and follow oral directions	✓
Listen to respectfully without interrupting others	✓

### Pre-kindergarten Speaking

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<b>Literacy Competencies</b>	
<b>Standard 1:</b> Students will read, write, listen, and speak for information and understanding.	✓
<b>Standard 2:</b> Students will read, write, listen, and speak for literary response and expression.	✓
<b>Standard 3:</b> Students will read, write, listen, and speak for critical analysis and evaluation.	✓
<b>Standard 4:</b> Students will read, write, listen, and speak for social interaction.	✓
<b>Speaking</b>	
Use prekindergarten-level vocabulary and grammar in own speech	✓
Speak for different purposes (e.g. share ideas for personal experiences, books, or writings; retell a story; dramatize an experience or event)	✓
Speak audibly	✓



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### Pre-kindergarten Speaking

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Speak with speed and expression appropriate for the purpose	✓
Take turns when speaking in a group	✓

### Pre-kindergarten Mathematics

New York Early Learning Standard	TeachSmart® Learning System
<b>Problem Solving Strand</b>	
<i>Students will build new mathematics knowledge through problem solving.</i>	
<b>PK.PS.1</b> Explore, examine, and make observations about a social problem or mathematical situation	✓
<b>PK.PS.2</b> Interpret information correctly, identify the problem, and generate possible solutions	✓
<i>Students will solve problems that arise in mathematics and in other contexts.</i>	
<b>PK.PS.4</b> Formulate problems and solutions from everyday situations (e.g., as counting the number of children in the class or using the calendar to teach counting)	✓
<i>Students will apply and adapt a variety of appropriate strategies to solve problems.</i>	
<b>PK.PS.5</b> Use informal counting strategies to find solutions	✓
<b>PK.PS.6</b> Experience teacher-directed questioning process to understand problems	✓
<b>PK.PS.7</b> Compare and discuss ideas for solving a problem with teacher and/or students to justify their thinking	✓
<b>PK.PS.9</b> Use drawings/pictures to model the action in problems	✓



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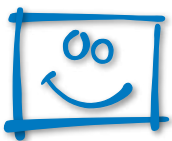


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### Pre-kindergarten Mathematics

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<i>Students will monitor and reflect on the process of mathematical problem solving.</i>	✓
<b>PK.PS.10</b> Explain to others how a problem was solved, giving strategies	✓
<b>Reasoning and Proof Strand</b>	
<i>Students will recognize and proof as fundamental aspects of mathematics.</i>	✓
<b>PK.RP.1</b> Understand that mathematical statements can be true or false	✓
<i>Students will make and investigate mathematical conjectures.</i>	✓
<b>PK.RP.2</b> Investigate the use of knowledgeable guessing as a mathematical tool	✓
<i>Students will develop and evaluate mathematical arguments and proofs.</i>	✓
<b>PK.RP.4</b> Listen to claims other students make	✓
<i>Students will communicate their mathematical thinking coherently and clearly to peers, teachers, and others.</i>	✓
<b>PK.CM.2</b> Share mathematical ideas through the manipulation of objects, drawings, pictures, and verbal explanations	✓
<i>Students will analyze and evaluate the mathematical thinking and strategies of others.</i>	✓
<b>PK.CM.3</b> Listen to solutions shared by other students	✓
<b>PK.CM.4</b> Formulate mathematically relevant questions with teacher guidance	✓
<i>Students will use the language of mathematics to express mathematical ideas precisely.</i>	✓
<b>PK.CM.5</b> Use appropriate mathematical terms, vocabulary, and language	✓



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### Pre-kindergarten Mathematics

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<b>Connections Strand</b>	
<i>Students will recognize and apply mathematics in contexts outside of mathematics.</i>	
PK.CN.1	Recognize the presence of mathematics in their daily lives ✓
PK.CN.2	Use counting strategies to solve problems in their daily lives ✓
PK.CN.3	Recognize and apply mathematics to objects and pictures ✓
<b>Representation Strand</b>	
<i>Students will create and use representations to organize, record, and communicate mathematical ideas.</i>	
PK.R.1	Use multiple representations, including verbal language, acting out or modeling a situation, and drawing pictures as representations ✓
<i>Students will use representations to model and interpret physical, social, and mathematical phenomena.</i>	
PK.R.5	Use objects to show and understand mathematical phenomena (e.g., draw pictures to show a story problem, show number value using fingers on your hand) ✓
<b>Number Sense and Operations Strand</b>	
<i>Students will understand numbers, multiple ways of representing numbers, relationships among numbers, and number systems.</i>	
PK.N.1	Count the items in a collection and know the last count word tell how many items are in the collection (1 to 10) ✓
PK.N.2	Count out (produce) a collection of a specified size 1 to 10 ✓
PK.N.3	Verbally count by 1's to 10 ✓
PK.N.4	Explore the different representations of a group of objects ✓
PK.N.5	Draw pictures or other informal symbols to represent a spoken number up to 5 ✓



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<b>PK.N.6</b> Draw pictures or other informal symbols to represent how many in a collection up to 5	✓
<b>PK.N.7</b> Recognize numerals (0-5)	✓
<b>PK.N.8</b> Use and understand the terms first and last	✓
<b><i>Students will understand meanings of operations and procedures, and how they relate to one another.</i></b>	✓
<b>PK.N.9</b> Develop addition and subtraction readiness with sums up to 4 and subtraction involving one to four items, using manipulatives	✓
<b>Algebra Strand</b>	
<b><i>Students will recognize, use, and represent algebraically patterns, relations, and functions.</i></b>	✓
<b>PK.A.1</b> Duplicate simple patterns using concrete objects	✓
<b>Geometry Strand</b>	
<b><i>Students will use visualization and spatial reasoning to analyze characteristics and properties of geometric shapes.</i></b>	✓
<b>PK.G.1</b> Match shapes, first with same size and orientation, then with different sizes and orientation	✓
<b>Measurement Strand</b>	
<b><i>Students will determine what can be measured and how, using appropriate methods and formulas.</i></b>	✓
<b>PK.M.1</b> Develop language such as bigger, longer, and taller to discuss length	✓
<b>PK.M.2</b> Relate specific times such as day and night	✓



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<b>Statistics and Probability Strand</b>	
<i>Students will collect, organize, display, and analyze data.</i>	
<b>PK.S.1</b> Sort and organize objects by one attribute (e.g., color, size, or shape)	✓
<b>PK.S.2</b> Use physical objects to make graphs	✓
<b>PK.S.3</b> Count and compare groups formed	✓
<b>PK.S.4</b> Describe the attributes of objects	✓



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