

Alignment Document
New York State Pre-K Learning Standards (2019)

Our program is well aligned with the New York State Pre-K Learning Standards (2019)

We develop inquiry skills **across the curriculum**. Therefore, we align with most of the domains, as shown below. Also see our specific lesson recommendations on the following pages.



Domain 1: Approaches to Learning

- Play and engagement in learning
- Creativity and imagination
- Curiosity and initiative
- Persistence



Domain 2: Physical Development and Health

- Physical development
- Physical fitness
- Physical health and well-being
- Physical safety



Domain 3: Social and Emotional Learning

- Self awareness and self-management skills
- Social awareness and relationship with others
- Decision making skills
- Adaptability



Domain 4A: Communication, Language and Literacy

- Motivation
- Background Knowledge
- Viewing
- Vocabulary
- Representing



Domain 4B: Communication, Language and Literacy*

- (*Reading foundations*)
- Reading
- (*Writing*)
- Speaking and listening

** Our lessons are story based. This means that children's comprehension of stories will be developed each lesson. Some of the lessons can be tweaked to include more writing and reading foundations with the children, but these are not the main aim of our sessions.*

Our program is well aligned with the New York State Pre-K Learning Standards (2019)

We develop inquiry skills **across the curriculum**. Therefore, we align with many of the domains, as shown below. See specific lesson recommendations for each standard on the following pages.



Domain 5A: Cognition and Knowledge of the World: Mathematics

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



Domain 5B: Cognition and Knowledge of the World: Science

- Physical science
- Life sciences
- Earth and space sciences
- Engineering design

Domain 5C: Cognition and Knowledge of the World: Social Studies

- Geography, humans and the environment








Domain 5D: Cognition and Knowledge of the World: The Arts

- (Dance)
- (Media arts)
- Music
- Theater
- Visual arts

Domain 5E: Cognition and Knowledge of the World: Technology, Computer Science, and Digital Literacy

New York State Pre-K Lesson recommendations

Domain 1: Approaches to learning




	Play and engagement in learning PK.AL.1 Actively engages in play as a means of exploration and learning PK.AL.2 Actively engages in problem solving	 All lessons Every single lesson is an inquiry set in a playful, imaginary world. Children are encouraged to be curious and to try different strategies when things go wrong.
	Creativity and imagination PK.AL.3. Approaches tasks and problems with creativity, imagination and/or willingness to try new experiences	
	Curiosity and initiative PK.AL.4. Exhibits curiosity, interest, and willingness to learn new things and have new experiences	
	Persistence PK.AL.5. Demonstrates persistence.	

Domain 2: Physical Development and Health







	Physical Development PK.PDH.1. Uses senses to assist and guide learning. PK.PDH.2. Uses sensory information to plan and carry out movements PK.PDH.3. Demonstrates coordination and control of large muscles PK.PDH.4. Combines a sequence of large motor skills with and without the use of equipment PK.PDH.5. Demonstrates eye-hand coordination and fine motor skills	 Recommended lessons: Crab Walk Lava Pond Party Robot Stop and Go Off Balance  Fine motor skills especially: Colorful Drawing Book A Kingdom Under the Sea Hoseli's Magnet Map Optical Illusions Googly Eyes
	Physical Fitness PK.PDH.6. Engages in a variety of physical fitness activities	Our lessons are always hands-on and practical, but only certain lessons focus upon physical fitness. See our Kids Collab bundle
	Physical Health and Well-Being PK.PDH.7. Demonstrates personal care and hygiene skills PK.PDH.8. Demonstrates awareness and understanding of healthy habits.	Fruity Surprise Getting Dressed for Autumn Germs in Hiding
	Physical Safety PK.PDH.9. Demonstrates awareness and understanding of safety rules	All of our lessons provide excellent opportunities to discuss safety with tools, substances etc

New York State Pre-K Lesson recommendations

Domain 3: Social and Emotional Learning





 Self-Awareness and Self-Management Skills PK.SEL.1. Regulates responses to needs, feelings and events PK.SEL.2. Recognizes self as an individual having unique abilities, characteristics, feelings and interests	 All lessons
 Social Awareness and Relationships with Others PK.SEL.3. Demonstrates and continues to develop positive relationships with significant adults (primary caregivers, teachers, and other familiar adults) PK.SEL.4. Develops positive relationships with their peers PK.SEL.5. Demonstrates pro-social problem-solving skills in social interactions	 All lessons Especially: Puppy Playtime Caring for A Pet Dog True Friends All 5 Pikkuli Lessons
 Decision-Making Skills PK.SEL.6. Understands and follows routines and rules	 All lessons
 Adaptability PK.SEL.7. Adapts to change	

Domain 4A: Communication, Language and Literacy

 Motivation PK.AC.1. Demonstrates motivation to communicate	 All lessons Children are always encouraged to communicate their ideas, including reporting back to the story characters. Children broaden their technical and subject-specific vocabulary whilst they develop their skills. The stories introduce creative, imaginary vocabulary too.
 Background Knowledge PK.AC.2. Demonstrates they are building background knowledge	
 Viewing PK.AC.3 Demonstrates understanding of what is observed	
 Vocabulary PK.AC.4. Demonstrates a growing receptive vocabulary PK.AC.5. Demonstrates a growing expressive vocabulary	
 Representing PK.AC.6. Demonstrates their ability to represent ideas using a variety of methods	








New York State Pre-K Lesson recommendations

Domain 4B: Communication, Language and Literacy

	Reading Foundations <i>Print Concepts</i> PK.ELAL.1. [PKRF.1.] <i>Phonological Awareness</i> PK.ELAL.2. [PKRF.2.] <i>Phonics and Word Recognition</i> PK.ELAL.3. [PKRF.3.] <i>Fluency</i> PK.ELAL.4. [PKRF.4.]	 <p>As a shared read, children could be supported to practise reading foundations during the storyline.</p>
✓	Reading <i>Key Ideas and Details</i> PK.ELAL.5. [PKR.1.], PK.ELAL.6. [PKR.2], PK.ELAL.7 [PKR.3] <i>Craft and Structure</i> PK.ELAL.8 [PKR.4] , PK.ELAL.9 [PKR.5], PK.ELAL.10 [PKR.6] <i>Integration of Knowledge and ideas</i> PK.ELAL.11 [PKR.7], PK.ELAL.12. [PKR.9]	 <p>All lessons</p> <p>Each lesson introduces a problem in the form of a story. Develop children's reading comprehension by taking time to understand the story, and therefore the problem they need to solve.</p>
	Writing <i>Text Types and Purposes</i> PK.ELAL.13 [PKW.1] , PK.ELAL.14. [PKW.2] , PK.ELAL.15. [PKW.3] PK.ELAL.16. [PKW.4] <i>Research to Build and Present Knowledge</i> PK.ELAL.17. [PKW.6] , PK.ELAL. 18. [PKW.7]	 <p>Introduce these goals by filling in a learning journal after each session. Some of our adaptation tips also include writing.</p>
✓	Speaking and Listening <i>Comprehension and collaboration</i> PK.ELAL.19. [PKSL.1] , PK.ELAL.20. [PKSL.2] , PK.ELAL.21. [PKSL.3] <i>Presentation of Knowledge and Ideas</i> PK.ELAL.22. [PKSL.4], PK.ELAL.23. [PKSL.5] , PK.ELAL.24. [PKSL.6] <i>Language</i> PK.ELAL.25. [PKL.1] , PK.ELAL.26. [PKL.2] <i>Knowledge of Language</i> PK.ELAL.27. [PKL.4] <i>Vocabulary Acquisition and Use</i> PK.ELAL.28. [PKL.5] , PK.ELAL.29 [PKL.6]	 <p>All lessons</p>








New York State Pre-K Lesson recommendations

Domain 5A: Cognition and Knowledge of the World: Mathematics

	<p>Counting and Cardinality</p> <p><i>Know number names and the count sequence</i> PK.MATH.1. [NY-PK.CC.1.], PK.MATH.2. [NY-PK.CC.2.]</p> <p><i>Counts to tell the number of objects</i> PK.MATH.3. [NY-PK.CC.3.], PK.MATH.3a. [NY-PK.CC.3a.], PK. MATH.3b. [NY-PK.CC.3b.] PK.MATH.4a. [NY-PK.CC.4a.], PK.MATH.4b. [NY-PK.CC.4b.]</p> <p><i>Compares numbers</i> PK.MATH.6. [NY-PK.CC.5.], PK.MATH.7. [NY-PK.CC.6.]</p>	 <p>Most lessons</p> <p>Number sense is developed throughout our sessions, as children measure using counting skills. Especially in:</p> <p>Lava Pond A Secret Friend Crab Walk Party Robot</p>
	<p>Operations and Algebraic Thinking</p> <p><i>Understands addition as adding to, and understands subtraction as taking from</i> PK.MATH.8. [NY-PK.OA.1.]</p> <p><i>Understands simple patterns</i> PK.MATH.9. [NY-PK.OA.2.]</p>	 <p>A Secret Friend</p> <p>Whilst it isn't one of our main focus', addition/subtraction could be included into many lessons by exploring the different items children have counted.</p>
	<p>Measurement and Data</p> <p><i>Describes and compares measurable attributes</i> PK.MATH.10. [NY-PK.MD.1.]</p> <p><i>Sorts objects and counts the number of objects in each category</i> PK.MATH.11. [NY-PK.MD.2.]</p>	 <p>Many lessons</p> <p>Measurement skills are developed throughout our sessions as children measure by counting. Especially in:</p> <p>Growing Dino An Exact Science Measuring</p> <p>Children are often encouraged to classify throughout many lessons.</p>
	<p>Geometry</p> <p><i>Identifies and describes shapes</i> PK.MATH.12. [NY-PK.G.1.], PK.MATH.13. [NY-PK.G.2.]</p> <p><i>Explores and creates two and three-dimensional objects</i> PK.MATH.14. [NY-PK.G.3.], PK.MATH.15. [NY-PK.G.4.]</p>	 <p>Most lessons</p> <p>Children are reminded to observe the sizes, shapes and features of objects throughout our lessons, especially in these:</p> <p>Planning an Escape Kindergarten of Shape Creatures A Secret Friend Egg-straordinary Nest Building</p>








New York State Pre-K Lesson recommendations

Domain 5B: Cognition and Knowledge of the World: Science

 Physical Science <p>PK.SCI.1. [P-PS1-1.] Asks questions and uses observations to test the claim that different kinds of matter exist as either solid or liquid</p> <p>PK.SCI.2. [P-PS2-1.] Uses tools and materials to design and build a device that causes an object to move faster with a push or a pull</p> <p>PK.SCI.3. [P-PS4-1.] Plans and conducts investigations to provide evidence that sound is produced by vibrating materials</p>	 <p>Most lessons Especially: Operation Ice Rescue A Freezing Surprise Frantic Fall Friction on the Slopes Make Some Music Hello, Is Anybody Out There?</p>
 Life Sciences <p>PK.SCI.4. [P-LS1-1.] Observes familiar plants and animals (including humans) and describes what they need to survive</p> <p>PK.SCI.5. [P-LS1-2.] Plans and conducts investigations to determine how familiar plants and/or animals use their external parts to help them survive in the environment</p> <p>PK.SCI.6. [P-LS3-1.] Develops a model to describe that some young plants and animals are similar to, but not exactly like, their parents.</p>	 <p>Most lessons Especially: Habitat Hunting Egg-Strordinary Nest Building What Makes a Living Thing? Hiding in Plain Sight Busy Bees Flowery Business</p>
 Earth and Space Sciences <p>-PK.SCI.7. [P-ESS1-1.] Observes and describes the apparent motions of the sun, moon, and stars to recognize predictable patterns</p> <p>PK.SCI.8. [P-ESS2-1.] Asks questions, makes observations, and collects and records data using simple instruments to recognize patterns about how local weather conditions change daily and seasonally.</p> <p>PK.SCI.9. [P-PS3-1.] Plans and conducts an investigation to determine the effect of sunlight on Earth's surfaces</p>	 <p>Many lessons Especially: all 10 lessons in Kelvin's Weather Adventure</p>
 Engineering Design <p>- PK.SCI.10. [K-2-ETS1-1.] Asks questions, makes observations, and gathers information about a situation people want to change to define a simple problem that can be solved through the development of a new or improved object or tool</p> <p>PK.SCI.11. [K-2-ETS1-2.] Develops a simple sketch, drawing, or physical model to illustrate how the shape of an object helps it function as needed to solve a given problem</p> <p>PK.SCI.12. [K-2-ETS1-3.] Analyzes data from tests of two objects designed to solve the same problem to compare the strengths and weaknesses of how each performs</p>	 <p>Many lessons Especially: Carousel Planning An Escape The Great Inventors of the Secret Forest Floating Problems Balancing Problems Frantic Fall Kindergarten of Shape Creatures Glue Cave Conundrum</p>






New York State Pre-K Lesson recommendations

Domain 5C: Cognition and Knowledge of the World: Social Studies

	<p>Individual Development and Cultural Identity</p> <p>PK.SOC.1. Develops a basic awareness of self as an individual, self within the context of group, and self within the context of community</p> <p>PK.SOC.2. Demonstrates awareness and appreciation of their own culture and other cultures</p>	 <p>All lessons</p> <p>Supraland, where our stories are set, has no specific culture, religion or community, children can relate to the events in their own way.</p> <p>Children develop their own identity as an investigator. They work together with their community of classmates to solve problems.</p>
	<p>Civic Ideals and Practices</p> <p>PK.SOC.3. Demonstrates an understanding of roles, rights, and responsibilities</p> <p>PK.SOC.4. Begins to learn basic civic and democratic principles</p>	 <p>Children will develop an understanding of their own role in society as an investigator.</p> <p>They learn the routines of the inquiries and follow safety rules during the experiments.</p>
	<p>Geography, Humans and the Environment</p> <p>PK.SOC.5 Demonstrates knowledge of the relationship between people, places, and regions</p>	 <p>Recommended lessons for map work and describing environments</p> <p>Hoseli's Magnet Map Planes Trains and Hot Air Balloons Journey into Imagination Northbound Habitat Hunting</p>
	<p>Time, Continuity and Change</p> <p>PK.SOC.6. Develops an understanding of how people and things change over time and how to relate past events to their present and future activities</p>	 <p>In each lesson our stories are written in present tense, motivating children to solve problems in that very moment.</p> <p>One lesson which does, however, refer to the past is Digging Dinosaurs</p> <p>In some experiments children can be encouraged to monitor changes over time e.g. From Seeds to Plant Secret Messages Operation Ice Rescue Hoseli's Instant Sorbet</p>
	<p>Economic Systems</p> <p>PK.SOC.7. Develops a basic understanding of economic concepts within a community</p>	 <p>Our story world, Supraland, hasn't mentioned money just yet!</p>


New York State Pre-K Lesson recommendations

Domain 5D: Cognition and Knowledge of the World: The Arts

	Dance PK.ARTS.1. [DA:Cr1-3.PK] Creates Dance PK.ARTS.2. [DA:Pr4-6.PK] Performs Dance PK.ARTS.3. [DA:Re7-9.PK] Responds to Dance PK.ARTS.4. [DA:Cn10-11.PK] Connects to Dance	 Whilst we don't have specific dance objectives, we do have expressive movement lessons. E.g. Stop and Go Lava Pond
	Media Arts PK.ARTS.5. [MA:Cr1-3.PK] Creates Media Arts PK.ARTS.6. [MA:Cr4-6.PK] Produces Media Arts PK.ARTS.7. [MA:Re7-9.PK] Responds and Connects to Media Arts	 In some of our lessons we encourage the children to report their findings in whichever way they choose, e.g. Getting Dressed for Autumn
✓	Music PK.ARTS.8. [MU:Cr1-3.PK] Creates Music PK.ARTS.9. [MU:Pr4-6.PK] Performs Music PK.ARTS.10. [MU:Re7-9.PK] Responds to Music PK.ARTS.11. [MU:Cn10-11.PK] Connects to Music	 Especially: Happy Heartbeat Make Some Music
✓	Theater PK.ARTS.12. [TH:Cr1-3.PK] Creates Theatrical Arts PK.ARTS.13. [TH:Pr4-6.PK] Performs Theatrical Arts PK.ARTS.14. [TH:Re7-9.PK] Responds to Theatrical Arts PK.ARTS.15. [TH:Cn10-11.PK] Connects to Theatrical Arts	 All lessons Children use drama to be in role as an investigator each lesson
✓	Visual Arts PK.ARTS.16. [VA:Cr1-3.PK] Creates Visual Arts PK.ARTS.17. [VA:Pr4-6.PK] Presents Visual Arts PK.ARTS.18. [VA:Re7-9.PK] Responds to Visual Arts PK.ARTS.19. [Cn10-11.PK] Connects to Visual Arts	 Many lessons Especially: Planes, Trains and Hot Air Balloons Winter Garden Habitat Hunting Spooky Shadows Great Inventors of the Secret Forest Safe Landing Fruity Surprise

New York State Pre-K Lesson recommendations

Domain 5E: Cognition and Knowledge of the World: Technology, Computer Science, and Digital Literacy

	<p>Technology tools are useful when used in intentional and developmentally appropriate and responsive ways, when educators work with children to explore different types of technology, when technology is incorporated in authentic ways into different learning centers, and when children have equal access.</p>	<div></div> <p>We are proud to say that we are screen free for children. Our practical, hands-on approach engages children and builds skills without the need for technology.</p> <p>However, investigators may choose to present their learning using technology e.g. film a video, take photos or record a voice note.</p>
--	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------