

Frog Street Pre-K Publisher's Overview Document

Program Title: *Frog Street Pre-K*

Curriculum Logo: 
www.frogstreet.com/curriculum/prek

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Curriculum: pricing in effect for five years

Frog Street Pre-K National English Curriculum ISBN 978-1-60128-583-6 \$3,199.99
Frog Street Pre-K National Bilingual Curriculum ISBN 978-1-60128-584-3 \$3,799.99

Professional Development:

Instructors and Assistants – Implementation Training

Professional Development – 6-hour, Face-to Face Implementation Training \$2,750.00
Professional Development – 2-hour Live Webinar Implementation Training. \$ 750.00
Professional Development – Full day Regional Training (per person). \$ 99.00

Instructors and Assistants – Ongoing Training

Professional Development – 6-hour, Face-to Face Training \$2,750.00
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Instructional VPK Coaches– Implementation Training

Professional Development – 6-hour, Face-to Face Implementation Training \$5,000.00
Includes training materials and online resources

Instructional VPK Coaches – Ongoing Training

Professional Development – 6-hour, Face-to Face Implementation Training \$5,000.00
Includes training materials and online resources

Assessment/Progress Monitoring

Professional Development – 1-hour Webinar Training \$ 500.00

Topic Specific Live Webinars by authors and contributors FREE
Provided by edWeb, sponsored by Frog Street

Additional training descriptions provided for Frog Street Pre-K are available in the Professional Learning Pre-K Course Descriptions catalog.

<http://www.frogstreet.com/professional-development/>

Frog Street Pre-K is a comprehensive program that integrates instruction across developmental domains and early learning disciplines in both English and bilingual English and Spanish. The program is engaging for both teachers and children and is easy to implement.

Features and Benefits

In summary, these are the key features and benefits of *Frog Street Pre-K*:

- Balances intentional instruction and child-centered learning.
- Provides comprehensive, integrated instruction in all domains.
- Offers a strong daily routine that develops key social skills and emotional control.
- Values individual differences.

- Empowers children with choices in self-directed activities.
- Honors the power of a strong teacher-child interaction to develop rich oral language and a robust vocabulary.
- Provides a systematic and sequential continuum for building skills and concepts.
- Uses research-based principles of learning as the cornerstone of instruction.
- Embraces the joy of learning each day!

The materials are packaged in boxes that resemble a community, as follows:

<u>City Hall (Teacher Resources)</u>	<u>ISBN</u>	<u>Quantity</u>	<u>Publication Date</u>
Teacher Guide 1-My School and Me	9781601281739	1	2013
Teacher Guide 2-My Family and Friends	9781601281906	1	2013
Teacher Guide 3-Giants	9781601282071	1	2013
Teacher Guide 4-Choices	9781601282248	1	2013
Teacher Guide 5-Stories and Rhymes	9781601282415	1	2013
Teacher Guide 6-I Build! I Create!	9781601282583	1	2013
Teacher Guide 7-Things That Move	9781601282750	1	2013
Teacher Guide 8-Animals	9781601282927	1	2013
Teacher Guide 9-Changes	9781601283092	1	2013
Adaptations for Young Learners Guide	9781601283825	1	2013
Assessment-A Portfolio Approach	9781601283641	1	2010
Strategies for English Language Learners	9781601283665	1	2010
Family Connections Resource Guide	9781601283672	1	2010
Welcome to Frog Street Pre-K Guide	9781601283634	1	2010
Strategy Cards	9781601283849	1	2010
<u>Fanny Frog House</u>			
Puppet	9781601283870	1	2010
<u>Literacy Library</u>			
Rebus Posters	9781601283900	1	2010
<i>Going Down Frog Street A to Z</i> Big Book	9781601283269	1	2010
<i>Fanny Frog's Fantastic Poems and Rhymes</i> Big Book	9781601283283	1	2010
Developmental Storybook	9781601283306	1	2010
<i>Animal Friends</i> Big Book	9781601283450	1	2010
<i>The Button Story</i> Big Book	9781601283320	1	2010
Magnetic Letters-upper case	9781601283924	1	2010
Magnetic Letters-lower case	9781601283917	1	2010
Tabletop Pocket Chart	9781601283931	1	2010
<u>Science Museum</u>			
<i>How Do Animals Use Their Mouths?</i> Bilingual Book	9781601283344	1	2010
<i>How Do Animals Use Their Eyes?</i> Bilingual Book	9781601283351	1	2010
<i>How Do Animals Use Their Ears?</i> Bilingual Book	9781601283368	1	2010
<i>Animal Lives</i> Big Book	9781601283375	1	2010
<i>Edie's Backyard Bugs</i> Big Book	9781601283399	1	2010
<i>Critter Hide-and-Seek</i> Big Book	9781601283412	1	2010
Mixing Tray	9781601283955	1	2010
Magnetic Wand	9781601283962	1	2010
Graduated Pipettes	9781601283979	1	2010
Test Tubes and Rack	9781601283986	1	2010
Rainbow Peepholes	9781601283993	1	2010
Energy Beads	9781601284006	1	2010
Science Activities Booklet	9781601284013	1	2010
<u>City Bank (Math)</u>			
Building Math Skills and Concepts Resource Guide	9781601283726	1	2010
<i>Hands and Fingers</i> Big Book	9781601283436	1	2010
<i>Three Bears' Rap</i> Big Book	9781601283474	1	2010
<i>These Bones</i> Big Book	9781601283498	1	2010
<i>Five Silly Monkeys</i> Big Book	9781601283511	1	2010

<i>The Numeral Dance</i> Big Book	9781601283535	1	2010
Connecting Cubes	9781601284051	1	2010
Pattern Blocks	9781601284068	1	2010
Frog Counters	9781601284075	1	2010
AngLegs™	9781601284082	1	N/A
Attribute Buttons	9781601284099	1	2010
Chain Links	9781601284105	1	2010
<u>Frog Town Elementary (Cards)</u>			
Off to School Cards	9781601284921	1	2010
Daily Schedule Cards	9781601284938	1	2010
Teeth Brushing Cards	9781601284945	1	2010
Little Red Cards	9781601284952	1	2010
Hand Washing Cards	9781601284969	1	2010
Sara Sidney's Run Away Adventure Cards	9781601284976	1	2010
Forest Friends Cards	9781601284983	1	2010
Big, Bigger, Biggest Cards	9781601284990	1	2010
Giant Dance 1 Cards	9781601285003	1	2010
Giant Dance 2 Cards	9781601285133	1	2010
Jack and The Beanstalk Cards	9781601285010	1	2010
Odon, the Giant Cards	9781601285140	1	2010
Small, Medium and Large Cards	9781601285027	1	2010
The Little Red Hen Cards	9781601285157	1	2010
Seed to Fruit Cards	9781601285034	1	2010
Doctor's Visit Cards	9781601285164	1	2010
Bedtime Cards	9781601285041	1	2010
Itsy Bitsy Spider Cards	9781601285171	1	2010
How Many? Cards	9781601285058	1	2010
Hand Motion Cards	9781601285188	1	2010
Sheet Music Dot Cards	9781601285065	1	2010
Frog Went a Courtin' Cards	9781601285195	1	2010
The Rooster Who Went to His Uncle's Wedding Cards	9781601285072	1	2010
The Old Woman Who Swallowed a Fly Cards	9781601285201	1	2010
El Señor don Gato Cards	9781601285089	1	2010
Pattern Block Cards	9781601285218	1	2010
Seeds on the Move Cards	9781601285096	1	2010
Bike Safety Cards	9781601285225	1	2010
These Bones Cards	9781601285102	1	2010
Butterfly Life Cycle Cards	9781601285232	1	2010
Frog Life Cycle Cards	9781601285119	1	2010
Baby to Adult Cards	9781601285249	1	2010
Morning, Noon and Night Cards	9781601285126	1	2010
Seasons Cards	9781601285256	1	2010
Photo Pockets	9781601284143	1	2010
Pocket Photo Cards	9781601284150	1	2010
Pocket Letter Cards	9781601284181	1	2010
English Vocabulary Cards	9781601284167	1	2010
Compound Word Cards	9781601284174	1	2010
Letter Cards	9781601284198	1	2010
English Alphabet Wall Cards	9781601284204	1	2010
Photo Activity Cards	9781601284228	1	2010
<u>Lilypad Theatre</u>			
My Aunt Violet Bilingual Story	9781601284761	1	2010
The Three Bears Bilingual Story	9781601284778	1	2010
Animal Habitats & Homes Bilingual Story	9781601284785	1	2010
My Noisy House Bilingual Story	9781601284792	1	2010
Forest Friends Bilingual Story	9781601284808	1	2010
My Mother Plants Strawberries Bilingual Story	9781601284815	1	2010

Silly Nellie Bilingual Story	9781601284822	1	2010
I Like School Bilingual Story	9781601284839	1	2010
The Gingerbread Boy Bilingual Story	9781601284846	1	2010
Little Red Bilingual Story	9781601284853	1	2010
I Use My Senses Bilingual Story	9781601284860	1	2010
The Chihuahua and the Leopard Bilingual Story	9781601283559	1	2010
The Great Enormous Rock Bilingual Story	9781601283566	1	2010
Giant Bilingual Story	9781601283573	1	2010
Jack and the Beanstalk Bilingual Story	9781601283580	1	2010
Little Red Hen Bilingual Story	9781601281661	1	2010
Food Nursery Rhymes Bilingual Story	9781601281685	1	2010
Itsy Bitsy Spider Bilingual Story	9781601284617	1	2010
Henny Penny Bilingual Story	9781601284624	1	2010
Three Little Kittens Bilingual Story	9781601284631	1	2010
The Princess and the Pea Bilingual Story	9781601284648	1	2010
The Shoemaker and the Elves Bilingual Story	9781601284655	1	2010
Half-Chicken Bilingual Story	9781601284662	1	2010
Smart Cookie's Creative Cookies Bilingual Story	9781601284679	1	2010
Monster Coaster Bilingual Story	9781601284686	1	2010
I Can, Can You? Bilingual Story	9781601284693	1	2010
The Corn Seed Bilingual Story	9781601284709	1	2010
Old MacDonald Bilingual Story	9781601284716	1	2010
Zanzibar Zoo Bilingual Story	9781601284723	1	2010
There Was an Old Lady Bilingual Story	9781601284730	1	2010
Diego's Fifth Birthday Bilingual Story	9781601284747	1	2010
The Sun and the Moon Bilingual Story	9781601284754	1	2010
Johnny Appleseed Bilingual Story	9781601284242	1	2010
Hip! Hip! Hooray! Bilingual Story	9781601284259	1	2010
Creative Storytelling Guide	9781601283719	1	2010
Storytellers on Frog Street DVD	9781601284273	1	2010
Dr. Jean on Frog Street CD	9781601284280	1	2010
Leaping Literacy CD	9781563461316	1	2005
Moving to Math CD	9781563461439	1	2007
Songs of You and Me Bilingual CD	9781601284297	1	2010
Songs of Little Creatures Bilingual CD	9781601284303	1	2010
Songs of Learning Fun Bilingual CD	9781601284310	1	2010
Songs of our Earth Bilingual CD	9781601284327	1	2010
Frog Street Friends CD	9781601284334	1	2010
Feelin' Froggy CD	9781601284341	1	2010
English Listening CD	9781601284365	1	2010
Nursery Rhyme CD	9781601284372	1	2010
It Starts in the Heart CD	9781601284457	1	1997
Games and Patterns CD-ROM	9781601284914	1	2010
Frog Street Pre-K Interactive Software	9781601284389	1	2010
CD case	9781601284396	1	2010
<u>Frog Street Cafe (Social-Emotional Support Library)</u>			
<i>A to Z Helping Hands Book</i>	9781601283597	1	2010
<i>Shubert is a S.T.A.R. Book</i>	9781889609225	1	2003
<i>Shubert's Helpful Day Book</i>	9781889609195	1	2001
<i>Shubert's Big Voice Book</i>	9781889609102	1	2004
<i>Shubert's New Friend Book</i>	9781889609300	1	2007
Pocket Cubes	9781601284426	2	2010
<u>Kid's Castle (Special Needs)</u>			
Eye Dropper	9781601284433	1	2010
Tweezers	9781601284440	1	2010
Tactile Balls	9781601284471	2	2010
Easy Grip Ball	9781601284488	1	2010

Stencils	9781601284495	1	2010
Number (Dot) Cubes	9781601284501	1	2010
Multiple Intelligences in the Early Childhood Classroom	9781601283689	1	2010
Guidelines and Strategies for Children with Special Needs	9781601283696	1	2010
<i>Tools that Help Me</i> Book	9781601283610	1	2010
<u>Kid's Castle (Physical Development)</u>			
Parachute	9781601284525	1	2010
Beach Ball	9781601284532	1	2010
Bean Bags	9781601284549	1	2010
Continuum of Physical Development Resource Guide	9781601283658	1	2010
<u>Big Frog Bookstore (English Big Books)</u>			
<i>This Way to Pre-K</i> Big Book	9781601281746	1	2010
<i>Body Talk in Rhyme</i> Big Book	9781601281784	1	2010
<i>Our Senses</i> Big Book	9781601281821	1	2010
<i>Skidamarink</i> Big Book	9781601281869	1	2010
<i>Meet My Grandparents</i> Big Book	9781601281913	1	2010
<i>Homes for Everyone</i> Big Book	9781601281951	1	2010
<i>Sara Sidney's Runaway Adventure</i> Big Book	9781601281999	1	2010
<i>Neighborhood Helpers</i> Big Book	9781601282033	1	2010
<i>Five Huge Dinosaurs</i> Big Book	9781601282088	1	2010
<i>Nature's Giants</i> Big Book	9781601282125	1	2010
<i>Giants Made by People</i> Big Book	9781601282163	1	2010
<i>Once Upon a Time in Dragon Land</i> Big Book	9781601282200	1	2010
<i>The Gift</i> Big Book	9781601282255	1	2010
<i>Food Around the World</i> Big Book	9781601282293	1	2010
<i>A to Z Ps and Qs</i> Big Book	9781601282330	1	2010
<i>Charlie Chipmunk's Thoughtful Choices</i> Big Book	9781601282378	1	2010
<i>Little Red</i> Big Book	9781601282460	1	2010
<i>The Frog Prince</i> Big Book	9781601282507	1	2010
<i>The Rooster Who Went to His Uncle's Wedding</i> Big Book	9781601282545	1	2010
<i>Can You See the Shapes?</i> Big Book	9781601282590	1	2010
<i>Machines Large and Small</i> Big Book	9781601282637	1	2010
<i>The Do-Nothing Machine</i> Big Book	9781601282675	1	2010
<i>Dance!</i> Big Book	9781601282712	1	2010
<i>Our Muscles</i> Big Book	9781601282767	1	2010
<i>Can You Move with Me?</i> Big Book	9781601282804	1	2010
<i>Gram Is Coming to My House</i> Big Book	9781601282842	1	2010
<i>Mysterious Movers</i> Big Book	9781601282880	1	2010
<i>Farm Animals</i> Big Book	9781601282934	1	2010
<i>Welcome to Zippity Zoo</i> Big Book	9781601282972	1	2010
<i>The Song of the Teeny Tiny Mosquito</i> Big Book	9781601283016	1	2010
<i>In the Cow's Backyard</i> Big Book	9781601283054	1	2010
<i>Cristina and the Frog</i> Big Book	9781601283108	1	2010
<i>Twinkle, the Little Star</i> Big Book	9781601283146	1	2010
<i>A Chance for Esperanza</i> Big Book	9781601283184	1	2010
<i>Before and Now</i> Big Book	9781601283221	1	2010
<u>Tadpole Bookstore (English Small Books)</u>			
<i>This Way to Pre-K</i> Small Book	9781601281760	2	2010
<i>Body Talk in Rhyme</i> Small Book	9781601281807	2	2010
<i>Our Senses</i> Small Book	9781601281845	2	2010
<i>Skidamarink</i> Small Book	9781601281883	2	2010
<i>Meet My Grandparents</i> Small Book	9781601281937	2	2010
<i>Homes for Everyone</i> Small Book	9781601281975	2	2010
<i>Sara Sidney's Runaway Adventure</i> Small Book	9781601282019	2	2010
<i>Neighborhood Helpers</i> Small Book	9781601282057	2	2010
<i>Five Huge Dinosaurs</i> Small Book	9781601282101	2	2010
<i>Nature's Giants</i> Small Book	9781601282149	2	2010

<i>Giants Made by People</i> Small Book	9781601282187	2	2010
<i>Once Upon a Time in Dragon Land</i> Small Book	9781601282224	2	2010
<i>The Gift</i> Small Book	9781601282279	2	2010
<i>Food Around the World</i> Small Book	9781601282316	2	2010
<i>A to Z Ps and Qs</i> Small Book	9781601282354	2	2010
<i>Charlie Chipmunk's Thoughtful Choices</i> Small Book	9781601282392	2	2010
<i>Little Red</i> Small Book	9781601282484	2	2010
<i>The Frog Prince</i> Small Book	9781601282521	2	2010
<i>The Rooster Who Went to His Uncle's Wedding</i> Small Book	9781601282569	2	2010
<i>Can You See the Shapes?</i> Small Book	9781601282613	2	2010
<i>Machines Large and Small</i> Small Book	9781601282651	2	2010
<i>The Do-Nothing Machine</i> Small Book	9781601282699	2	2010
<i>Dance!</i> Small Book	9781601282736	2	2010
<i>Our Muscles</i> Small Book	9781601282781	2	2010
<i>Can You Move with Me?</i> Small Book	9781601282828	2	2010
<i>Gram Is Coming to My House</i> Small Book	9781601282866	2	2010
<i>Mysterious Movers</i> Small Book	9781601282903	2	2010
<i>Farm Animals</i> Small Book	9781601282958	2	2010
<i>Welcome to Zippity Zoo</i> Small Book	9781601282996	2	2010
<i>The Song of the Teeny Tiny Mosquito</i> Small Book	9781601283030	2	2010
<i>In the Cow's Backyard</i> Small Book	9781601283078	2	2010
<i>Cristina and the Frog</i> Small Book	9781601283122	2	2010
<i>Twinkle, the Little Star</i> Small Book	9781601283160	2	2010
<i>A Chance for Esperanza</i> Small Book	9781601283207	2	2010
<i>Before and Now</i> Small Book	9781601283245	2	2010
<u>Flip Charts</u>			
Nursery Rhymes Chart	9781601283801	1	2010
Cultural Rhymes Chart	9781601283788	1	2010
<u>On-Line Resources</u>			
English Digital On-Line eBook Library	9781601285300	1	2010
Digital On-Line Resources Portal	9781601285270	1	2010

Frog Street Pre-K:

- Addresses the use of materials, scheduling, arranging the environment, and interaction between children and adults either separately or in combination.
- Includes activity suggestions to support research-based theory and pedagogy
- Is aligned with *Florida Early Learning and Developmental Standards: 4 Years Old to Kindergarten*
- Is aligned with scientifically-based research specifically strategies for optimizing brain development

1. Comprehensiveness

The intentionality of the instruction in *Frog Street Pre-K* provides an integrated approach for meeting the eight domains of the *Florida Early Learning Developmental Standards: 4 Years Old to Kindergarten*. Specific learning goals for each day of instruction provides a developmentally appropriate scope and sequence of learning activities. Unique to *Frog Street Pre-K* is the integration of daily Conscious Discipline® strategies for classroom management and social emotional development focused on guiding children to solve conflicts, manage their emotions, and take responsibility for their actions.

Individualized/differentiated instruction is provided at point of use in the teacher guides with support for English Language Learners and Special Needs Adaptations. Additional support for differentiated instruction is aligned to skill development with an *Adaptations for Young Learners Guide*, *Building Math Skills and Concepts Resource Guide*, and *Continuum of Physical*

Development Resource Guide. *Frog Street Pre-K* assessment is aligned to the daily Learning Goals and all domains of learning. In addition, to summative assessment, the teacher guides provide check points for checking for knowledge as the lessons progress.

The curriculum is culturally and linguistically responsive for program staff, children, and families. The teacher guides offer theme related articles on cultural diversity by Dr. Alma Flor Ada. Notes for cultural sensitivity awareness are embedded throughout the instruction to meet Social and Emotional Development Standards for building and maintaining relationships and Social Studies Standards: III.A.1., A.2., A.3., and A.4. Materials include multi-cultural and sensitive awareness photos in the collection of Photo Activity Cards and literature photos and illustrations. Literature selections feature poems, rhymes, *stories*, and traditional tales representing eleven ethnicities. Family communications are available in English and Spanish with newsletters, theme activities, notes, and e-Books.

2. Integration

Frog Street Pre-K connects learning in all domains for seamless integrated instruction to provide real-world applications relevant to student's lives. A few examples include: *Christina and the Frog* and accepting a new baby into the family; exploring giants made by people with bridges, skyscrapers, roller coasters and more in the student's word to deepen vocabulary understanding and concepts; *Grandparents*, a focus on family connections across the globe; after reading Little Red, who took care of her sick grandmother, the students share ways they care for sick family members, and each theme provides opportunities for students to share personal experiences with prompts from *Reagan's Journal*.

3. Alignment with the Florida Early Learning and Development Standards: 4 Years Old to Kindergarten

Frog Street Pre-K Correlation to the Florida Early Learning and Development Standards: 4 Years Old to Kindergarten can be accessed <http://www.frogstreet.com/correlations-state/>. Instructional activities for each of the eight domain standards and benchmarks are referenced by teacher guide page number.

4. Use of Scientifically-Based Research: Language and Literacy

The scientific research of emergent literacy skills for young children (The National Early Literacy Panel) found to consistently and uniquely predict children's later (conventional) skills are the core of *Frog Street Pre-K* literacy instruction. Specific attention to the Florida Early Learning and Developmental Standards are more than adequately met in *Frog Street Pre-K*: Alphabet and Print Knowledge: IV.F.3., Phonological Awareness: IV: F.3., and Writing/Writing Name: IV.G.1.c.

- **Alphabet Knowledge** is defined specifically as the recognition and the production of the names and sounds of letters. Knowledge of the alphabet upon kindergarten entry is a strong predictor of later reading success (Adams 1990; National Research Council, 1998; Whitehurst, Lonigan 2001). Pashler (2006) details how to optimize memory or learning sets of information and overcoming obstacles to forgetting. He suggests the optimal review cycle to remember a set of items, such as alphabet letter names and alphabet letter sounds should follow a distributed practice and be reviewed every 18 to 36 days. *Frog Street Pre-K* provides a detailed scope and sequence of intentional instruction for letter naming and letter sounds based on learning letter names and subsequent sounds through six different "advantages" (Justice, Pence, Bowles & Wiggins, 2006; Reutzel, 2014):
 - Own-Name Advantage (where letters occur in children's names)
 - Alphabetic order (where letters are taught in alpha order)

- Letter pronunciation effect (where the sound of the letter is also in the name)
 - Letter frequency effect (letters that occur most frequently in written language)
 - Consonant Phoneme Acquisition order effect (order of sounds the child first learns to articulate in oral language)
 - Letter Writing Advantage (where explicit letter formation is taught and practiced)
- **Phonological Awareness** is a key indicator of how successful students will be with later literacy development. Phonological awareness is considered to represent an umbrella term that includes children’s sensitivity to, and capacity to manipulate, sounds within spoken language at varying levels of linguistic complexity, from the whole word to the phoneme (National Early Literacy Panel, 2008). Children engaged in the *Frog Street Pre-K* curriculum become aware of how words work in sentences and how sounds work in words. They identify and manipulate parts of spoken language including words, syllables, beginning sounds, rhyme, onset and rime, as well as individual phonemes. Strategic lessons are provided in Morning Message that support intentional instruction in this carefully sequenced progression of skills.

Together, considerable evidence suggests that Phonological Awareness and Alphabet Knowledge intertwine to allow children to comprehend the basic idea of the alphabetic principle, learn the regularities of the associations between sounds and letters, and apply these words in print (Ehri,2002; Phillips & Torgensen, 2006; Share, 1995).

- **Written Expression** for the preschool child develops in conjunction with early reading skills (Roskos, Christie, & Richgels, 2003). “Incorporating writing into your daily schedule is essential to supporting children’s emergent literacy development” (Benson, 2004). Activities in *Frog Street Pre-K* allows children to develop an understanding of the purpose of writing and its relationship to reading. Morning Message provides a daily opportunity for modeled writing, and there are opportunities for shared writing and for children to practice their own writing skills as they draw and illustrate, write notes, maintain journals, create books, label pictures and much more. The development of writing skills is supported through scaffolding of instruction during small group instruction and practice center time. Thematic written expression activities incorporate real life experiences.

5. Use of Scientifically-Based Research: Mathematical Thinking

Aligned to the five recommendations for teaching math to young children in the *Teaching Math to Young Children Practice Guide*, the math concepts introduced in *Frog Street Pre-K* recursively cycle in a way that not only builds upon what was taught before, but also deepen and expand this knowledge base. In other words, concepts from previous learning are integrated with and connected to new knowledge and skills that are introduced. More specifically, numeracy skills that lay the foundation for place value and algebraic reasoning in first grade are presented in a developmental progression, which closely follows what the panel of math experts convened by the National Center for Education Evaluation and Regional Assistance (*see the extensive review of empirical studies conducted by Fry, Baroody, Burchinal, Carver, Jordan, & McDowell, 2013*) recommend as an instructional sequence for preschool and kindergarten mathematics curricula.

The table below outlines how *Frog Street Pre-K* complies with this research-based developmental trajectory:

Research-recommended Developmental Progression	Activity Example and skill development
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1. Perceptual Subitizing/ Small number recognition	Children quickly identify and sort buttons by number of holes—e.g., differentiating between images of 2, 3, and 4. Example, Theme 1, p. 98
2. Cardinality: Meaningful Object Counting with quantities to 5, then to 10	Children use cubes to represent the number of people in their family to understand how counting is used to verify that the last number tells how many. Example: Theme 2, p. 26 Children count the same set of objects in a different order to see how the quantity never changes. Example: Theme 3, p. 98
3. Comparison of quantities greater than three via one-to-one correspondence	Children count the number of chips on two cookies and then pair chips from both cookies in a one-to-one relationship to determine which one has more/ fewer. Example: Theme 4, p. 134
4. Comparison of quantities greater than three via counting	Children work with a partner and use cubes to represent the number of dots on cards. Partners count their collection of cubes to determine who has more/ fewer. Example: Theme 5, p. 111
5. Connecting quantities with numerals (Number after knowledge)	Children arrange a set of objects on a number line to see how the numeral above the last object in the arrangement indicates the value of the set. Example: Theme 6, p. 134
6. Mental Comparisons of close or neighboring numbers	Children hop up and down a vertical number line to make sense of how numbers that are further up the number line are greater than those that are at the bottom. Example: Theme 7, p. 68
7. Solve basic joining and separating problems	Children dramatize and then use counters to directly model how quantities grow when they are joined (addition) or decrease when they are separated (subtraction). Examples: Theme 8, p. 98; Theme 9, p. 19

Math materials and activities in the *Frog Street Pre-K* curriculum promote the children’s acquisition and use of the language and vocabulary of math and are aligned to the *Florida Early Learning and Developmental Standards: 4 Years Old - Kindergarten* in the Domain of Mathematical Thinking with sufficient evidence. Lessons are designed to guide the children to make sense of otherwise abstract concepts using manipulatives.

The types of hands-on-explorations highlighted in the above are intentionally inserted throughout the curriculum based on research that suggests this learning contributes not only to the understanding of abstract concepts, but also to four critical thinking skills essential to learning: making distinctions, recognizing relationships, organizing systems, and taking multiple perspectives (Cabrera & Cotosi, 2010).

C. Access to the Curriculum

Frog Street Pre-K provides curriculum implementation accommodations for the diversity of prekindergartners, including children with special developmental, behavioral, or physical needs, who are English Language Learners, or who may be at-risk for future learning or school difficulties.

Daily lessons in *Frog Street Pre-K* include activities that address each of the eight intelligences, scaffolding, English Language Learner adaptations, and Special Needs adaptations. The program offers a teacher resource book that breaks skills into smaller units on a continuum, *Building Math Skills* and *Continuum for Physical Development*. There is also an *Adaptations for Young Learners* guide that specifically tailors lessons to support younger learners, special needs students, and any child who temporarily or regularly needs additional support. *Frog Street Pre-K* is dedicated to the concept that all children can learn when instruction stimulates curiosity, nurtures the child’s

interest, is delivered with joy and is tailored to challenge each child to the edge of his or her competency.

Options for English Language Learners, Special Needs students as well as advanced learners are at point of use in daily lessons. Differentiation of instruction recognizes and responds to student differences in readiness, interests and learner profiles. *Frog Street Pre-K* provides for small group instruction which allows teachers to teach within each child's optimal learning level, or "zone of proximal development" (ZPD) (Vygotsky, 1978). ZPD is based on the understanding that learning will not occur at its optimal level if children are not challenged enough (Tomlinson et al., 2003) or if they are over-challenged and frustrated (Kapusnick & Hauslein, 2001). Materials such as the Developmental Storybook and Strategy Cards provide appropriately leveled instruction for children. Learning Center adaptations are at point of use in each teacher guide to meet individual needs. *Adaptations for Young Learners Teacher Guide* targets forerunner skills in Literacy and Mathematics for children needing such skills.

Assessment

Assessments consistent with the state standards are provided through a variety of appropriate methods. Suggestions for portfolio assessment, weekly formative assessment (e.g., taking anecdotal records during observations, gathering samples of children's work products, videos, voice-recorded interviews, and photographs) with accompanying checklists, and resources for summative assessments are provided in *Assessment Resource Guide* and accompanying CD-ROM or online via the *Frog Street Pre-K* portal.

Methods to assess children's learning are embedded throughout activities within the daily schedule. Assessment checkpoints target specific activities for formative assessment opportunities each week, whether they arise during whole group or small group instruction, center time, or transitions. These checkpoints—highlighted as a green check mark icon embedded within a blue circle—are inserted at the point of use in a corresponding lesson or practice center activity.

Professional Development

Frog Street partners with educators in a Professional Development Plan to build the capacity of teachers, assistants, and coaches through comprehensive and intentional training. Frog Street offers Professional Development in a variety of formats to support fidelity of the instructional strategies and learning goals in the curriculum. Training formats include face to face training, live webinars, regional trainings and customized training to meet instructional needs.

Implementation training for Instructors and Assistants incorporates characteristics of effective professional development and include scientifically-based instructional strategies. In-depth training for VPK Instructional Coaches supports pedagogy for fidelity of the curriculum with training materials and on-going support.

Frog Street's Professional Learning services include, but are not limited to:

- **Curriculum Implementation Courses**
- **Follow-up Curriculum Training**
- **Targeted Courses** to address specific needs
- **Classroom Coaching**
- **Customized Professional Development Sessions**

Training descriptions provided for *Frog Street Pre-K* are available in the *Professional Learning Pre-K Course Descriptions* catalog. <http://www.frogstreet.com/professional-development/>