

CURRICULUM *Correlation*

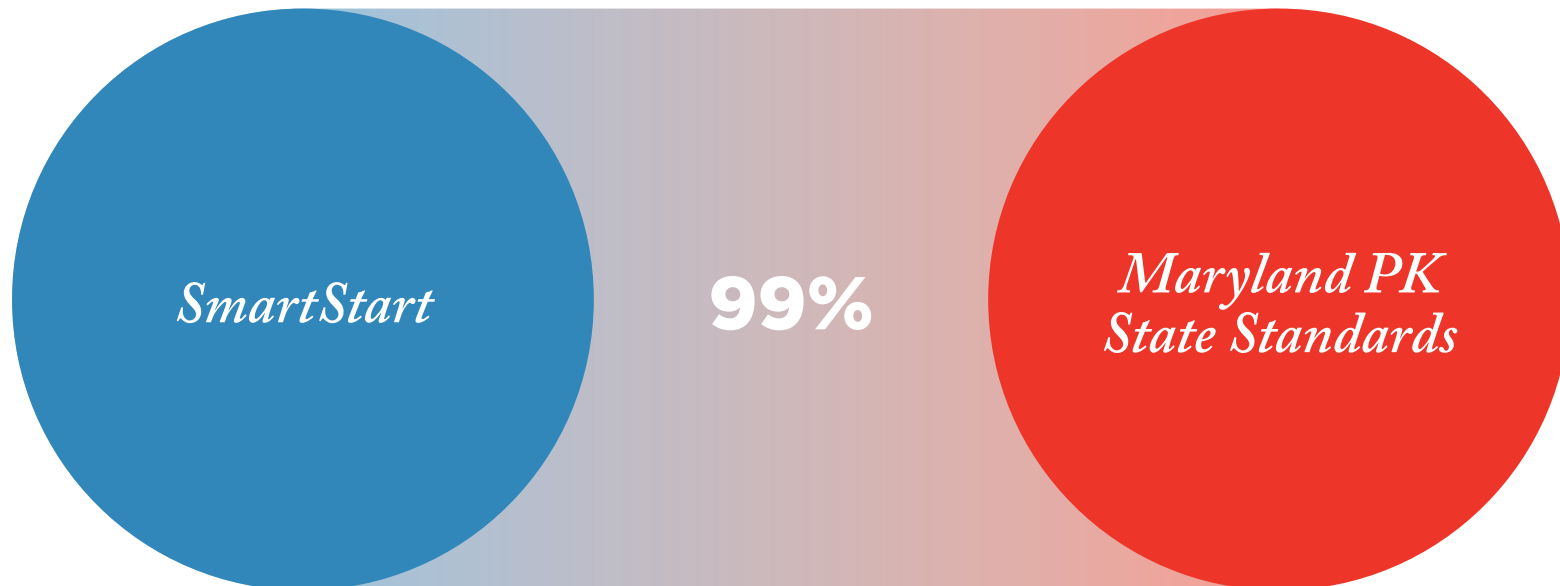


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This document provides a detailed correlation of WATERFORD SMARTSTART to the MARYLAND PK STATE STANDARDS.

This correlation includes all SmartStart components.

DIGITAL RESOURCES

SmartStart PreK Courseware The heart of SmartStart is a personalized, daily online sequence that provides engaging, interactive, research-based instruction fully aligned with national early childhood standards. Reports, keyed to the framework, provide real-time data to teachers seeking to monitor the progress of their students as they progress through the SmartStart sequence. Most lessons in SmartStart include a song or book, introduction, instruction, practice, assessment and, at times, extension activities. Teachers can search in the Manager by the lesson name provided in this correlation.

Classroom Advantage Teachers have the option of using Classroom Advantage, Waterford's whiteboard tool, to create collaborative small- and large-group activities targeted to specific learning objectives and perfectly suited to Response to Intervention (RTI). Indeed, decades of research studies have repeatedly demonstrated that SmartStart's curriculum yields significant learning gains for at-risk students and Dual Language Learners.

PRINT RESOURCES

SmartStart Teacher Guide The SmartStart Teacher Guide provides practical and pedagogical support for PreK providers, with weekly lesson plans, supplements for both enrichment and remediation, and professional development tips on everything from setting up the classroom to handling transitions.

SmartStart Activity Library The curriculum includes over 500 classroom-ready, center-based, and whole-class activities. Accompanying masters and manipulatives round out everything you need for an effective, research-based curriculum that addresses the needs of the whole child. Practice pages are available in Spanish and in English.

Within the correlation document, examples of classroom activities are listed. Since SmartStart is a completely integrated curriculum, all activities will meet multiple standards.

FAMILY ENGAGEMENT RESOURCES

Homelink Connection For those classrooms anxious to reach out to parents and caregivers, SmartStart's family DVDs and HomeLink newsletters keep parents informed about what is happening in the classroom. These materials also offer a roster of fun and easy activities families can do with their child to reinforce foundational skills. HomeLink newsletters are available in Spanish and in English.



SUPPORT

Professional Development provides schools and teachers with top-notch professional learning to show teachers how to integrate all of these tools into the developmental building blocks most important for a preschool child's immediate and long-term success.



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
READING GRADE PK			
STANDARD 1.0 GENERAL READING PROCESSES			
TOPIC A. STUDENTS WILL MASTER THE ABILITY TO HEAR, IDENTIFY, AND MANIPULATE INDIVIDUAL SOUNDS IN SPOKEN WORDS BY THE END OF GRADE ONE.			
1. Discriminate sounds and words			
a. Tell whether sounds are same or different	<ul style="list-style-type: none"> • Rhyme Match • Sound Awareness • One Doesn't Rhyme • Letter Sound • Sound Room 	<ul style="list-style-type: none"> • 25 Letter Sound Lessons • 26 Read With Me activities • Classmate Phonics • Sound Sense Playing Cards • Sound Box Match Up • Knuffle Bunny Sounds • Rhyme Race 	
b. Recognize that letters represent sounds	<ul style="list-style-type: none"> • Letter Sound Songs (Show and Tell, Tongue Twister, Picture, Scientist, Picture) • Sound Awareness • Sound Room • Letter Sound • Choose a Sound 	<ul style="list-style-type: none"> • 25 Letter Sound Lessons • 26 Read With Me activities • Classmate Phonics • Sound Sense Playing Cards 	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Alphabet Knowledge • Nursery Rhymes & Songs DVD • Letter Sound Songs DVD
c. Identify and repeat initial sounds in words	<ul style="list-style-type: none"> • Initial Sound • Right Initial Sound 	<ul style="list-style-type: none"> • Magnifying Glass: Blend • Onsets with Rimes • New: Blend Onsets with Rimes • Opposites: Blend Onsets with Rimes • Pairs: Blend Onsets with Rimes 	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Phonological Awareness • My Backpack App
d. Classify words by initial sounds	<ul style="list-style-type: none"> • Initial Sound • Right Initial Sound • Right Initial Sound Practice: Andy's Adventure, Baby's Birthday, At Camp, Ed the Elephant, Four Fish, Hair, Jumbled, Magnifying Glass 	<ul style="list-style-type: none"> • Classmate Phonics 	



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
2. Discriminate and produce rhyming words and alliteration			
a. Repeat rhyming words	<ul style="list-style-type: none"> Rhyme Rhyme Match Finish the Picture Rhyming Words Song Change the Rhyme Make It Rhyme 	<ul style="list-style-type: none"> Apple Tree Rhyming Rhyme Awareness: Humpty Dumpty Rhyme Race Sizes Song Guess the Rhyme 	<ul style="list-style-type: none"> My Backpack App Nursery Rhymes & Songs DVD
b. Repeat phrases and sentences with alliteration	<ul style="list-style-type: none"> Initial Sound Right Initial Sound Right Initial Sound Practice: Andy's Adventure, Baby's Birthday, At Camp, Ed the Elephant, Four Fish, Hair, Jumbled, Magnifying Glass 	<ul style="list-style-type: none"> Watch the Woolly Worm: Blend Initial Phonemes Rex Is in a Fix: Blend Initial Phonemes Yummy: Blend Initial Phonemes The Zebra: Blend Initial Phonemes 	
c. Discriminate rhyming words from non-rhyming words	<ul style="list-style-type: none"> Rhyme Rhyme Match Finish the Picture One Doesn't Rhyme Rhyming Words Song Change the Rhyme 	<ul style="list-style-type: none"> Apple Tree Rhyming Rhyme Awareness: Humpty Dumpty Rhyme Race Sizes Song Guess the Rhyme 	<ul style="list-style-type: none"> My Backpack App Nursery Rhymes & Songs DVD
3. Blend sounds and syllables to form words			
a. Orally blend syllables into a whole word, such as fun + ny =funny	<ul style="list-style-type: none"> Blend Onset/Rime Blending Riddles: Onset/Rime Blending Dragon 	<ul style="list-style-type: none"> Magnifying Glass: Blend Onsets with Rimes New: Blend Onsets with Rimes Opposites: Blend Onsets with Rimes Pairs: Blend Onsets with Rimes 	<ul style="list-style-type: none"> Homelink Newsletters - Phonological Awareness My Backpack App
4. Segment sounds in spoken words and sentences			
a. Clap words in a sentence	<ul style="list-style-type: none"> Name Syllables Syllable Safari 	<ul style="list-style-type: none"> At Camp: Syllable Awareness Baby's Birthday: Syllable Awareness Five: Combining Syllables Seasons Syllables 	<ul style="list-style-type: none"> Homelink Newsletters - Phonological Awareness My Backpack App



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
4. Segment sounds in spoken words and sentences <i>continued</i>			
b. Identify the initial sound in a word	<ul style="list-style-type: none"> • Initial Sound • Right Initial Sound 	<ul style="list-style-type: none"> • Magnifying Glass: Blend • Onsets with Rimes • New: Blend Onsets with Rimes • Opposites: Blend Onsets with Rimes • Pairs: Blend Onsets with Rimes 	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Phonological Awareness • My Backpack App
TOPIC B. STUDENTS WILL APPLY THEIR KNOWLEDGE OF LETTER/SOUND RELATIONSHIPS AND WORD STRUCTURE TO DECODE UNFAMILIAR WORDS.			
1. Recognize that letters have corresponding sounds			
a. Recognize similarities and differences in letter shapes	<ul style="list-style-type: none"> • Similarities and Differences in Letters • Distinguish Letters 	<ul style="list-style-type: none"> • Word Hunt • Word Walk • 20 Power Word practice pages • 10 Decodable Word activities 	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Phonological Awareness • My Backpack App
b. Match familiar consonant sounds to appropriate letters, such as m, b, f, t, p	<ul style="list-style-type: none"> • Letter Sound Songs (Show and Tell, Tongue Twister, Picture, Scientist, Picture) • Sound Room • Choose a Sound • Letter Sound • Sound Awareness • Find the Letter 	<ul style="list-style-type: none"> • 25 Letter Sound Lessons • 26 Read With Me activities • Classmate Phonics • Sound Sense Playing Cards 	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Alphabet Knowledge • Nursery Rhymes & Songs DVD • Letter Sound Songs DVD
2. Decode words in grade-level texts			
a. Identify and name some upper and lower case letters in words, especially those in the student's own name	<ul style="list-style-type: none"> • ABC Songs: Factory, Fish, Jungle, Picnic, Red Riding Hood, Fireworks • Alphabet Review • Distinguish Letters • Letter Checker—Balloons, Popcorn, Fireflies • Name that Letter • Letter Pictures • Find the Letter • What's Your Name? 	<ul style="list-style-type: none"> • Waterford Letter Cards • 26 Lowercase Letter Introduction activities • 26 Capital Letter Introduction activities • Letter match activity and master • Trace masters • Grown Up Name Tags • Why Do We Have Capital and Lowercase Letters? 	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Alphabet Knowledge • Nursery Rhymes & Songs DVD



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
TOPIC C. STUDENTS WILL READ ORALLY WITH ACCURACY AND EXPRESSION AT A RATE THAT SOUNDS LIKE SPEECH.			
1. Engage in imitative reading at an appropriate rate			
a. Listen to models of fluent reading	All online books and text within the software illustrate left-to right, top-to-bottom, return sweep, and letter spacing motion. The lessons highlight text for the learner which helps show the sequence of print: <ul style="list-style-type: none"> • Read with Me Books • Sing a Rhyme Songs/Books (See list of titles at end of document.) 	<ul style="list-style-type: none"> • Watch the Woolly Worm • Do You Know Which Ones Will Grow? • I Go • One Elephant Went Out to Play • Check my Guess • Rex Is in a Fix • Jack and Jill • Journal activities (see SmartStart Teacher Guide) • Reading center activities (see SmartStart Teacher Guide) 	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Comprehension and Vocabulary • My Backpack App • Nursery Rhymes & Songs DVD
b. Recite nursery rhymes, poems, and finger plays with expression	<ul style="list-style-type: none"> • Read with Me Books • Sing a Rhyme Songs/Books • Sing Around the World Songs (See list of titles at end of document.) 	<ul style="list-style-type: none"> • Pat-a-Cake: Dough Time • Hey, Diddle, Diddle: Silly Song • Farmer in the Dell: Word Mixup • Hickory Dickory Dock: Mouse House • Jack and Jill: Mixed Up Words 	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Comprehension and Vocabulary • My Backpack App • Nursery Rhymes & Songs DVD
c. Develop beginning sight vocabulary of familiar words, such as first name, color words	<ul style="list-style-type: none"> • Read with Me Books • Sing a Rhyme Songs/Books (See list of titles at end of document.) • What’s Your Name? • Name Syllables 1 and 2 • Colors • Red, Yellow, and Blue 	<ul style="list-style-type: none"> • Grown Up Name Tags • Baa Baa Black Sheep: Name Stamps • Power Words Master 	
TOPIC D. STUDENTS WILL USE A VARIETY OF STRATEGIES AND OPPORTUNITIES TO UNDERSTAND WORD MEANING AND TO INCREASE VOCABULARY.			
1. Develop and apply vocabulary through exposure to a variety of texts			
a. Acquire new vocabulary through listening to a variety of texts on a daily basis	<ul style="list-style-type: none"> • Read with Me Books • Sing a Rhyme Songs/Books • Math Books • Science Books (See list of titles at end of document.) 	<ul style="list-style-type: none"> • Reading Center • “Read Together” book lists for each unit in the SmartStart Teacher Guide 	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Comprehension and Vocabulary



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
1. Develop and apply vocabulary through exposure to a variety of texts <i>continued</i>			
b. Discuss words and word meanings daily as they are encountered in texts, instruction, and conversation	<ul style="list-style-type: none"> • Read with Me Books • Sing a Rhyme Songs/Books • Math Books • Science Books (See list of titles at end of document.)	See “Reading with Preschool Children” in the SmartStart Teacher Guide: Book 1.	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Comprehension and Vocabulary
c. Asks questions about unknown objects and words related to topics discussed	<ul style="list-style-type: none"> • Read with Me Books • Sing a Rhyme Songs/Books • Math Books • Science Books (See list of titles at end of document.) <ul style="list-style-type: none"> • Missing Pictures 	See “Reading with Preschool Children” in the SmartStart Teacher Guide: Book 1.	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Comprehension and Vocabulary
d. Listen to and identify the meaning of content-specific vocabulary	<ul style="list-style-type: none"> • Read with Me Books • Sing a Rhyme Songs/Books • Math Books • Science Books (See list of titles at end of document.) <ul style="list-style-type: none"> • Missing Pictures 	<ul style="list-style-type: none"> • I Love My Hat • Jack and Jill: Mixed Up Words • First, Next and Last Stories 	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Comprehension and Vocabulary • Nursery Rhymes & Songs DVD • My Backpack App
e. Identify some signs, labels, and environmental print	<ul style="list-style-type: none"> • Print Concepts • Letters Make Words • Words in Your World song • Ecosystems song 	<ul style="list-style-type: none"> • Letter Match • Name Magnets • Letter Sort • ABC Scrapbooks • Grown Up Name Tags • Journal activities • Letter Trace Grown Up Name Tags • Baa Baa Black Sheep: Name Stamps 	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Reading • My Backpack App
f. Collect and play with favorite words		<ul style="list-style-type: none"> • He is Happy • Activity Center—Writing 	



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
2. Develop a conceptual understanding of new words			
a. Use words to describe size, color, and shape	<ul style="list-style-type: none"> • Sort • Size • Large, Larger, Largest • Large Small Toys • Big Little Animals song • Savannah Size song • Make Comparisons • Red, Yellow, and Blue • Simple Shapes • Marmot Shapes song 	<ul style="list-style-type: none"> • Insect and Spider Numbers activity and master • Sort by Texture • Teddy Bear Contest • Trash or Garbage • Worm Sort 	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Math
b. Name common objects shown in pictures	<ul style="list-style-type: none"> • Missing Pictures: All the Pretty Little Horses, Mother, Mother, I Am Ill, The Apple Tree, Three Little Kittens, Where is Thumkin?, Yankee Doodle • Hidden Pictures 	<ul style="list-style-type: none"> • What's Missing? • Do You Have? • Board Games • Find Someone Who Has... 	
3. Understand, acquire, and use new vocabulary			
a. Use illustrations to find meaning of unknown words	<ul style="list-style-type: none"> • Words Tell About Pictures • Picture Clues • Words in Your World 	<ul style="list-style-type: none"> • Eric Carle's ABC • One Elephant Went Out to Play: Check My Guess • Farmer in the Dell: Word Mixup • Mother, Mother, I am Ill: Check My Guess • Jumbled 	
b. Use newly learned vocabulary on multiple occasions to reinforce meaning	<p>SmartStart exposes children to varied and increasingly complex vocabulary related to literature, math, science and social studies.</p> <ul style="list-style-type: none"> • Read with Me Books • Sing a Rhyme Songs/Books • Numbers Books • Science Books <p>(See list of titles at end of document.)</p>	<ul style="list-style-type: none"> • Center Activities • Daily Routines 	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Reading - Math - Science



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
TOPIC E. STUDENTS WILL USE A VARIETY OF STRATEGIES TO UNDERSTAND WHAT THEY READ (CONSTRUCT MEANING).			
1. Demonstrate an understanding of concepts of print to determine how print is organized and read			
a. Understand that speech can be written and read	<ul style="list-style-type: none"> • Letter Picture Writing (A-Z, a-z) • Print Concepts • Letters Make Words • Picture Story 	<ul style="list-style-type: none"> • Journal activities • Vacation • Patent Applications • Counting Jar • Making Plans • A Dinosaur Would Make a Terrible Pet 	<ul style="list-style-type: none"> • Homelink Newsletters - Reading
b. Understand that print conveys meaning	<ul style="list-style-type: none"> • Letters Make Words • Distinguish Letters • Print Directionality • Print Concepts 	<ul style="list-style-type: none"> • Center Activities • Daily Routines 	<ul style="list-style-type: none"> • Homelink Newsletters - Comprehension and Vocabulary • My Backpack App
c. Demonstrate the proper use of a book	<ul style="list-style-type: none"> • Read with Me Books • Sing a Rhyme Songs/Books (See list of titles at end of document.) 	<ul style="list-style-type: none"> • Reading Center • See “Reading with Preschool Children” in the SmartStart Teacher Guide: Book 1. 	<ul style="list-style-type: none"> • Homelink Newsletters - Reading • My Backpack App
d. Identify the title of a book	<p>The title, author and illustrator are identified for each.</p> <ul style="list-style-type: none"> • Read with Me Books • Sing a Rhyme Songs/Books (See list of titles at end of document.) 	<ul style="list-style-type: none"> • Reading Center • See “Reading with Preschool Children” in the SmartStart Teacher Guide: Book 1. 	<ul style="list-style-type: none"> • Homelink Newsletters - Reading • My Backpack App
e. Demonstrate that text is read from left to right and top to bottom	<p>All online books and text within the software illustrate left-to right, top-to-bottom, return sweep, and letter spacing motion. The lessons highlight text for the learner which helps show the sequence of print:</p> <ul style="list-style-type: none"> • Read with Me Books • Sing a Rhyme Songs/Books (See list of titles at end of document.) • Print Directionality • Print Concepts 	<ul style="list-style-type: none"> • Reading Center • See “Reading with Preschool Children” in the SmartStart Teacher Guide: Book 1. 	<ul style="list-style-type: none"> • Homelink Newsletters - Reading • My Backpack App



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
1. Demonstrate an understanding of concepts of print to determine how print is organized and read <i>continued</i>			
f. Identify pictures, shapes, letters, and numerals	<ul style="list-style-type: none"> • Letters Make Words • Words Tell About Pictures • Picture Clues • Explain Numbers • Number Practice • Number Trace (iPad only) • Distinguish Letters • Similarities and Differences in Letters • Words in Your World song • Simple Shapes 	<ul style="list-style-type: none"> • Activity Center activities 	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Reading • My Backpack App
2. Use strategies to prepare for reading (before reading)			
a. Make connections to the text using illustrations/photographs from prior knowledge	<ul style="list-style-type: none"> • Words Tell About Pictures • Picture Clues • Predicting <p>Classroom Advantage Only</p> <ul style="list-style-type: none"> • Peek at the Story 	<ul style="list-style-type: none"> • Eric Carle’s ABC • One Elephant Went Out to Play: Check My Guess • Farmer in the Dell: Word Mixup • Mother, Mother, I am Ill: Check My Guess • Jumbled 	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Reading • My Backpack App
b. Make predictions by examining the title, cover, illustrations/photographs, and familiar author or topic	<ul style="list-style-type: none"> • Words Tell About Pictures • Picture Clues • Predicting <p>Classroom Advantage Only</p> <ul style="list-style-type: none"> • Peek at the Story 	<ul style="list-style-type: none"> • Eric Carle’s ABC • One Elephant Went Out to Play: Check My Guess • Farmer in the Dell: Word Mixup • Mother, Mother, I am Ill: Check My Guess • Jumbled 	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Reading • My Backpack App
c. Help set a purpose for reading	<ul style="list-style-type: none"> • Read with Me Books • Sing a Rhyme Songs/Books • Math Books • Science Books <p>(See list of titles at end of document.)</p> <ul style="list-style-type: none"> • Picture Clues • Predicting 	See “Reading with Preschool Children” in the SmartStart Teacher Guide: Book 1.	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Reading



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
3. Use strategies to make meaning from text (during reading)			
a. Use illustrations to construct meaning	<ul style="list-style-type: none"> • Words Tell About Pictures • Picture Clues • Predicting <p>Classroom Advantage Only</p> <ul style="list-style-type: none"> • Peek at the Story 	<ul style="list-style-type: none"> • Eric Carle’s ABC • One Elephant Went Out to Play: Check My Guess • Farmer in the Dell: Word Mixup • Mother, Mother, I am Ill: Check My Guess • Jumbled 	
b. Make and confirm predictions	<ul style="list-style-type: none"> • Words Tell About Pictures • Picture Clues • Predicting <p>Classroom Advantage Only</p> <ul style="list-style-type: none"> • Peek at the Story 	<ul style="list-style-type: none"> • Eric Carle’s ABC • One Elephant Went Out to Play: Check My Guess • Farmer in the Dell: Word Mixup • Mother, Mother, I am Ill: Check My Guess • Jumbled 	
c. Connect events, characters, and actions in stories to specific life experiences	<ul style="list-style-type: none"> • Read With Me Books • Sing a Rhyme Books & Songs: (See list of titles at end of document.) • What Comes Next?: Hey Diddle, Diddle; Ten Little Goldfish; Little Miss Muffet; This Little Piggy; Itsy, Bitsy Spider, Where is Thumkin? • Baby’s Birthday • Do You Know Who I Am? • Family Photo Fun: The Picnic; Dinner Time <p>Classroom Advantage Only</p> <ul style="list-style-type: none"> • Compare Characters • Find an Answer • Peek at the Story • Sum Up, Five Ws 	<ul style="list-style-type: none"> • Watch the Woolly Worm: Blend Initial Phonemes • Do You Know Which Ones Will Grow? • I Go: Syllable Awareness • One Elephant Went Out to Play: Check My Guess • Rex Is in a Fix: Blend Initial Phonemes 	<ul style="list-style-type: none"> • Homelink Newsletters – Comprehension and Vocabulary • My Backpack App



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
4. Demonstrate understanding of text (after reading)			
a. Recall information from text	<ul style="list-style-type: none"> • Read With Me Books • Sing a Rhyme Books & Songs (See list of titles at end of document.) • What Comes Next?: Hey Diddle, Diddle; Ten Little Goldfish; Little Miss Muffet; This Little Piggy; Itsy, Bitsy Spider, Where is Thumkin? • Baby’s Birthday • Do You Know Who I Am? <p>Classroom Advantage Only</p> <ul style="list-style-type: none"> • Compare Characters • Find an Answer • Peek at the Story • Sum Up, Five Ws 	<ul style="list-style-type: none"> • Watch the Woolly Worm: Blend Initial Phonemes • Do You Know Which Ones Will Grow? • I Go: Syllable Awareness • One Elephant Went Out to Play: Check My Guess • Rex Is in a Fix: Blend Initial Phonemes 	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Comprehension and Vocabulary • My Backpack App
b. Respond orally to questions	<ul style="list-style-type: none"> • Sing a Rhyme Books & Songs (See list of titles at end of document.) • What Comes Next?: Hey Diddle, Diddle; Ten Little Goldfish; Little Miss Muffet; This Little Piggy; Itsy, Bitsy Spider, Where is Thumkin? • Baby’s Birthday • Do You Know Who I Am? 	<ul style="list-style-type: none"> • Watch the Woolly Worm: Blend Initial Phonemes • Do You Know Which Ones Will Grow? • I Go: Syllable Awareness • One Elephant Went Out to Play: Check My Guess • Rex Is in a Fix: Blend Initial Phonemes 	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Comprehension and Vocabulary • My Backpack App
c. Respond to text in a variety of ways <ul style="list-style-type: none"> • Retell • Dramatize • Draw 	<ul style="list-style-type: none"> • Read with Me Books • Sing a Rhyme Songs/Books (See list of titles at end of document.) 	<ul style="list-style-type: none"> • Farm to Table • Green Eggs and Ham • Mary Had a Little Lamb: Lamb Hand Craft • I Touch My Nose Like This: Follow Me • Reading Center • Vacation 	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Comprehension and Vocabulary
d. Review the purpose for reading	<ul style="list-style-type: none"> • Words in Your World song 	See “Reading with Preschool Children” in the SmartStart Teacher Guide: Book 1.	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Comprehension and Vocabulary



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
4. Demonstrate understanding of text (after reading) <i>continued</i>			
e. Retell a story as though reading a book	<ul style="list-style-type: none"> • Read with Me Books • Sing a Rhyme Songs/Books (See list of titles at end of document.) 	<ul style="list-style-type: none"> • Reading Center 	
STANDARD 2.0 COMPREHENSION OF INFORMATIONAL TEXT			
TOPIC A.			
1. Develop comprehension skills by reading a variety of informational texts			
a. Listen to nonfiction materials <ul style="list-style-type: none"> • Nonfiction trade books • Magazines • Multimedia resources 	<ul style="list-style-type: none"> • The Clouds • Build Knowledge: What is a Cloud? • What is a Cloud? book • Germs • The Germs book • Avoid Germs and Prevent Illness • Exercise and Rest. We All Exercise book • Pairs • I Want to Be a Scientist Like Jane Goodall • I Want to Be a Scientist Like George Washington Carver • Videos: Ecosystems, Farm Animals, Sheep, Big Little Animals, Words in Your World 	<ul style="list-style-type: none"> • Reading Center 	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Reading - Math - Science
b. Listen to and read functional documents by following simple oral or rebus directions <ul style="list-style-type: none"> • Recipes • Rules • Signs • Center activities • Labels • Classroom schedules 	<ul style="list-style-type: none"> • Words in Your World song 	<ul style="list-style-type: none"> • Daily Routines • Message Board (in Teacher Guide) • Center Activities 	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Reading - Math - Science



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
1. Develop comprehension skills by reading a variety of informational texts <i>continued</i>			
c. Listen to and use personal interest materials, such as books and magazines	<ul style="list-style-type: none"> • The Clouds • Build Knowledge: What is a Cloud? • What is a Cloud? book • Germs • The Germs book • Avoid Germs and Prevent Illness • Exercise and Rest. We All Exercise book • Pairs book • Teeth • Follow the Apples • I Wish I Had Ears Like a Bat • I Want to Be a Scientist Like Jane Goodall • I Want to Be a Scientist Like George Washington Carver • Songs: Plant or Animal; Food From Plants 	<ul style="list-style-type: none"> • See “Reading with Preschool Children” in the SmartStart Teacher Guide: Book 1. • Reading Center 	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Reading - Math - Science
2. Recognize and use text features to facilitate understanding of informational texts			
a. Recognize print features <ul style="list-style-type: none"> • Print size 	<ul style="list-style-type: none"> • Read with Me Books • Sing a Rhyme Songs/Books • Sing Around the World Songs (See list of titles at end of document.) • Print Concepts 	<ul style="list-style-type: none"> • Reading Center • Letter Sort 	
b. Recognize graphic aids <ul style="list-style-type: none"> • Photographs • Drawings • Maps • Graphs • Diagrams 	<ul style="list-style-type: none"> • Calendar/Graph Weather • I Want to Be a Scientist Like Jane Goodall • I Want to Be a Scientist Like George Washington Carver <p>Classroom Advantage Only</p> <ul style="list-style-type: none"> • Graphs • Bar Graphs • Graphing song 	<ul style="list-style-type: none"> • Reading Center • First, Next, Last • Opposite Pairs • Patent Applications 	



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
3. Develop knowledge of organizational structure of informational text			
a. Recognize sequential order	<ul style="list-style-type: none"> Sequencing Events song First, Next, Last First, Middle, Last Daily Calendar Activities What Comes Next?: Hey Diddle, Diddle; Ten Little Goldfish; Little Miss Muffet; This Little Piggy; Itsy, Bitsy Spider, Where is Thumkin? 	<ul style="list-style-type: none"> Daily Routines First, Next, Last 	<ul style="list-style-type: none"> Homelink Newsletters <ul style="list-style-type: none"> Math
4. Determine important ideas and messages in informational texts			
a. Retell important facts from a text	<ul style="list-style-type: none"> What Comes Next?: Hey Diddle, Diddle; Ten Little Goldfish; Little Miss Muffet; This Little Piggy; Itsy, Bitsy Spider, Where is Thumkin? I Want to Be a Scientist Like Jane Goodall I Want to Be a Scientist Like George Washington Carver <p>Classroom Advantage Only</p> <ul style="list-style-type: none"> Find an Answer: Seeing Fingers Describe Characters: Fawn Eyes Compare Characters: Legs 	<ul style="list-style-type: none"> How to Wash My Bear 	
b. Identify how someone might use the text	<ul style="list-style-type: none"> I Want to Be a Scientist Like Jane Goodall I Want to Be a Scientist Like George Washington Carver 	<ul style="list-style-type: none"> Do You Know Which Ones Will Grow? Making Plans 	
5. Evaluate informational text			
No objectives.			



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
STANDARD 3.0 COMPREHENSION OF LITERARY TEXT			
TOPIC A.			
1. Develop comprehension skills by listening to a variety of self-selected and assigned literary texts			
a. Listen to and discuss a variety of literary texts representing diverse cultures, perspectives, and ethnicities	<ul style="list-style-type: none"> • Read with Me Books • Sing a Rhyme Songs/Books • Math Books • Science Books (See list of titles at end of document.)	See “Read Together” section at the beginning of each unit for a list of suggested texts.	
b. Listen to and discuss a variety of different types of fictional literary text, such as stories, poems, nursery rhymes, realistic fiction, and fairy tales	<ul style="list-style-type: none"> • Read with Me Books • Sing a Rhyme Songs/Books (See list of titles at end of document.)	See “Reading with Preschool Children” in the SmartStart Teacher Guide: Book 1.	<ul style="list-style-type: none"> • My BackPack App • Nursery Rhymes and Songs DVD
2. Use text features to facilitate understanding of literary texts			
a. Identify and explain how the title contributes to meaning	All books within SmartStart begin by reading the title and stating the author and illustrator. <ul style="list-style-type: none"> • Read with Me Books • Sing a Rhyme Songs/Books Classroom Advantage Only <ul style="list-style-type: none"> • Traditional Tales 		
b. Identify and explain how text features, such as illustrations, punctuation, and print features, contribute to meaning	<ul style="list-style-type: none"> • Words Tell About Pictures • Picture Clues Classroom Advantage Only <ul style="list-style-type: none"> • Peek at the Story 	<ul style="list-style-type: none"> • Eric Carle’s ABC • One Elephant Went Out to Play: Check My Guess • Farmer in the Dell: Word Mixup • Mother, Mother, I am Ill: Check My Guess • Jumbled 	



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
3. Use elements of narrative texts to facilitate understanding			
a. Identify the beginning and end of a story	<ul style="list-style-type: none"> Missing Pictures: All the Pretty Little Horses; Mother, Mother, I am Ill; The Apple Tree; Three Little Kittens; Where Is Thumbkin? What Comes Next? Itsy, Bitsy Spider; Hey Diddle, Diddle; Little Miss Muffet; Ten Little Goldfish; This Little Piggy 	<ul style="list-style-type: none"> First, Next and Last Stories 	
b. Identify the characters of a story	<ul style="list-style-type: none"> Missing Pictures: All the Pretty Little Horses; Mother, Mother, I am Ill; The Apple Tree; Three Little Kittens; Where Is Thumbkin? <p>Classroom Advantage Only</p> <ul style="list-style-type: none"> Compare Characters 		
4. Use elements of poetry to facilitate understanding			
a. Identify rhyme, rhythm, and repetition in poems read to them	<ul style="list-style-type: none"> Read with Me Books Sing a Rhyme Songs/Books (See list of titles at end of document.) Right Initial Sound Practice: Andy’s Adventure, Baby’s Birthday, At Camp, Ed the Elephant, Four Fish, Hair, Jumbled, Magnifying Glass 		
5. Use elements of drama to facilitate understanding			
a. Recognize that a play has characters, dialogue, scenery, and tells a story	<p>Classroom Advantage Only</p> <ul style="list-style-type: none"> Describe Characters Compare Characters Peek at the Story 		
6. Determine important ideas and messages in literary texts			
a. Retell the story by sequencing the main events	<ul style="list-style-type: none"> Sing a Rhyme Books & Songs Read With Me Books (See list of titles at end of document.) What Comes Next?: Hey Diddle, Diddle; Ten Little Goldfish; Little Miss Muffet; This Little Piggy; Itsy, Bitsy Spider 		



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
6. Determine important ideas and messages in literary texts <i>continued</i>			
b. Identify a personal connection to the text	Classroom Advantage Only <ul style="list-style-type: none"> Connect to Me: Moon song; Legs; Ooey, Gooley Mud; Fawn Eyes 	<ul style="list-style-type: none"> See “Reading with Preschool Children” in the SmartStart Teacher Guide: Book 1. Vacation 	
STANDARD 4.0 WRITING			
TOPIC A.			
1. Compose texts using the prewriting and drafting strategies of effective writers and speakers			
a. Recognize that writing conveys meaning	<ul style="list-style-type: none"> Print Concepts 	<ul style="list-style-type: none"> Journal activities Letter Trace 	<ul style="list-style-type: none"> My Backpack App
b. Generate ideas by using letter-like shapes, symbols, and letters, dictating words and phrases, and using drawings to represent ideas	<ul style="list-style-type: none"> Letter Picture Writing (A-Z, a-z) Letter Pictures (A-Z, a-z) 	<ul style="list-style-type: none"> Writing Activity Center Friday Journal Writing activities Making Plans A Dinosaur Would Make a Terrible Pet 	
2. Compose oral and visual presentations that express personal ideas			
a. Write to express personal ideas using letter-like shapes, symbols, and letters	<ul style="list-style-type: none"> Letter Picture Writing (A-Z, a-z) Letter Pictures (A-Z, a-z) 	<ul style="list-style-type: none"> Journal activities Vacation Patent Applications Counting Jar Making Plans A Dinosaur Would Make a Terrible Pet 	
b. Contribute to a shared writing experience or topic of interest	<ul style="list-style-type: none"> Letter Picture Writing (A-Z, a-z) Letter Pictures (A-Z, a-z) 	<ul style="list-style-type: none"> Journal activities Vacation Patent Applications Counting Jar Making Plans A Dinosaur Would Make a Terrible Pet 	
c. Use drawings, letters, or symbols to express personal ideas	<ul style="list-style-type: none"> Letter Picture Writing (A-Z, a-z) Letter Pictures (A-Z, a-z) 	<ul style="list-style-type: none"> Journal activities Vacation Patent Applications Counting Jar Making Plans A Dinosaur Would Make a Terrible Pet 	



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
3. Identify how language choices in writing and speaking affect thoughts and feelings			
a. Identify and use words to communicate feelings	<ul style="list-style-type: none"> • My Family: Soup’s On • Find Me! • It’s Not Fair • Lost and Found • Do I Have To? • Musical Mayhem • Family Photo Fun: Broken Lamp; Dinner Time; Baby’s Blocks; Baby Wants Berries 	<ul style="list-style-type: none"> • I Can Change My Feelings • Let’s Play • Asking for Help Game • Problem with Princesses • Listening Rug • I Have Feelings • Guess How I am Feeling • The Problem with Princesses 	
b. Acquire and use new vocabulary	<p>SmartStart exposes children to a varied and increasingly complex set of academic vocabulary related to literature, math, science and social studies.</p> <ul style="list-style-type: none"> • Read with Me Books • Sing a Rhyme Songs/Books • Math Books • Science Books <p>(See list of titles at end of document.)</p> <p>Classroom Advantage Only</p> <ul style="list-style-type: none"> • Traditional Tales 	<p>New vocabulary is constantly introduced, practiced, discussed and used within most all of the Activity Library activities.</p>	
STANDARD 5.0 CONTROLLING LANGUAGE			
TOPIC A.			
1. Use grammar concepts and skills that strengthen oral language			
a. Use complete sentences to respond to questions	<p>Classroom Advantage Only</p> <ul style="list-style-type: none"> • Sentences • Sentence Marks song • Sentence Marks 		



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
TOPIC B.			
1. Comprehend and apply standard English in oral language			
a. Use sentences with subject/verb agreement	SmartStart provides appropriate modeling of complete sentences with correct subject/verb agreement. Classroom Advantage Only <ul style="list-style-type: none"> • It Happened Yesterday song • Past Tense Verbs 		
b. Use correct verb tense	SmartStart provides appropriate modeling of complete sentences with correct subject/verb agreement. Classroom Advantage Only <ul style="list-style-type: none"> • It Happened Yesterday song • Past Tense Verbs 		
TOPIC C.			
1. Explain the purpose of mechanics to make and clarify meaning			
No objectives.			
2. Comprehend basic punctuation and capitalization in written language			
a. Recognize that names begin with a capital letter	<ul style="list-style-type: none"> • What's Your Name Classroom Advantage Only <ul style="list-style-type: none"> • Edit Capitals 	<ul style="list-style-type: none"> • Letter Match • Name Magnets • ABC Scrapbooks • Grown Up Name Tags • Why Do We Have Capital and Lowercase Letters? 	<ul style="list-style-type: none"> • Homelink Newsletters - Reading • My Backpack App
b. Recognize that space is used to separate words	All online books and text within the software illustrate left-to-right, top-to-bottom, return sweep, and word spacing by highlighting text for the learner to follow along. <ul style="list-style-type: none"> • Read with Me Books • Sing a Rhyme Songs/Books (See list of titles at end of document.) • Print Concepts 		



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
STANDARD 6.0 LISTENING			
TOPIC A.			
1. Demonstrate active listening strategies			
a. Attend to the speaker	As students work through SmartStart’s software they will encounter many characters, both animated and live-action, who address students in a variety of language forms and dialects for a range of purposes.	<ul style="list-style-type: none"> • TV Stars • The Little Cloud 	
2. Comprehend and analyze what is heard			
a. Determine a speaker’s general purpose	As students work through SmartStart’s software they will encounter many characters, both animated and live-action, who address students in a variety of language forms and dialects for a range of purposes.	<ul style="list-style-type: none"> • TV Stars • The Little Cloud 	
b. Identify rhythms and patterns of language, including rhyme and repetition	<ul style="list-style-type: none"> • Read with Me Books • Sing a Rhyme Songs/Books • Sing Around the World Songs (See list of titles at end of document.) 	<ul style="list-style-type: none"> • Red, Red Robin • Friendly Musical Chairs • Sun Safe Song • One, Two, Buckle My Shoe: Nursery Rhyme Counting 	<ul style="list-style-type: none"> • Nursery Rhyme DVDs
c. Demonstrate an understanding of what is heard by retelling and relating prior knowledge	Using SmartStart in the classroom exposes students to technology, materials, routines, and experiences that are new. Students will naturally express ideas and needs as they navigate new experiences and engage with the software.	<ul style="list-style-type: none"> • TV Stars • What’s in the Bag? • Find Someone Who Has... • Jack and Jill • What’s Missing? • The Little Cloud • Old Lady’s Animals 	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Reading - Math - Science



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
2. Comprehend and analyze what is heard <i>continued</i>			
d. Follow a set of two- or three-step directions	As SmartStart routines are taught, modeled and practiced students learn to follow two-and three-steps directions. Students continually follow instructions in order to complete activities in SmartStart. Each activity has unique interactions, requiring the student to listen carefully and respond promptly.	<ul style="list-style-type: none"> • Old Lady Who Swallowed a Pie • Rain Sticks • Rainbow Density • The Prize Visualization Jar • Order It Up • I Touch My Nose Like This • Board Games 	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Reading - Math - Science • My Backpack App
e. Listen carefully to expand and enrich vocabulary	SmartStart exposes children to a varied and increasingly complex set of academic vocabulary related to literature, math, science and social studies. <ul style="list-style-type: none"> • Read with Me Books • Sing a Rhyme Songs/Books • Math Books • Science Books (See list of titles at end of document.) Classroom Advantage Only <ul style="list-style-type: none"> • Traditional Tales 	The SmartStart curriculum encourages teachers to read a wide variety of books to the children. The daily story time encourages the enrichment of vocabulary. <ul style="list-style-type: none"> • Old Lady’s Animals • The Prize Visualization Jar 	
STANDARD 7.0 SPEAKING			
TOPIC A.			
1. Use organization and delivery strategies			
a. Speak clearly enough to be heard and understood in a variety of settings	Students continually follow instructions in order to complete activities in SmartStart. Each activity has unique interactions, requiring the student to listen carefully and respond promptly. Sometimes the interactions include reading or speaking aloud. These activities help expand vocabulary.	<ul style="list-style-type: none"> • Polly’s Tea party • TV Stars • Do You Have? • Find Someone Who Has... • Barnyard Dance • I Am a Clown • Old Lady’s Animals • Telephone Game • Dramatic Play center activities 	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Reading - Math - Science



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
2. Make oral presentations			
a. Speak in a variety of situations to inform and/or relate experiences, such as retelling stories		<ul style="list-style-type: none"> • Polly’s Tea party • TV Stars • Do You Have? • Find Someone Who Has... • Barnyard Dance • I Am a Clown • Old Lady’s Animals • Telephone Game • Dramatic Play center activities 	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Reading - Math - Science
b. Use props in situations, such as show-and-tell		<ul style="list-style-type: none"> • Dramatic Play center activities • Dancing with Props • Little Cloud • What’s in the Paper Bag? 	



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
MATHEMATICS GRADE PK			
STANDARD 1.0 KNOWLEDGE OF ALGEBRA, PATTERNS, AND FUNCTIONS			
TOPIC A.			
2. Identify, copy, and extend non-numeric patterns			
a. Match patterns kinesthetically such as: clap/snap/clap...	<ul style="list-style-type: none"> Patterns 	<ul style="list-style-type: none"> Animal Rhythm Game 	
a. Recognize simple patterns	<ul style="list-style-type: none"> Train Stations Pattern Song Patterns 	<ul style="list-style-type: none"> Patterns master Patterns 	<ul style="list-style-type: none"> Homelink Newsletters - Math
b. Represent simple repeating patterns using no more than 2 different objects, and different actions in the core of the pattern	<ul style="list-style-type: none"> Train Stations Pattern Song Patterns Pattern AB 	<ul style="list-style-type: none"> Patterns master Patterns 	<ul style="list-style-type: none"> Homelink Newsletters - Math
c. Continue a simple pattern	<ul style="list-style-type: none"> Patterns Pattern AB Pattern ABB Pattern ABC 	<ul style="list-style-type: none"> Patterns master ABC Cereal Necklaces Chips and Salsa 	<ul style="list-style-type: none"> Homelink Newsletters - Math
d. Create a simple pattern of 2 different objects when given the rule	<ul style="list-style-type: none"> Patterns Pattern AB 	<ul style="list-style-type: none"> Chips and Salsa ABC Cereal Necklaces 	
e. Identify patterns in real-world situations	<ul style="list-style-type: none"> Train Stations Pattern Song 		
TOPIC B.			
2. Identify inequalities			
a. Explore relationships by comparing groups of no more than 5 objects to determine more or less	<ul style="list-style-type: none"> Books: One Day on the Farm; Two Feet; Look for Three; Four Fine Friends; A Book About 5; For the Birds Songs: More Than, Fewer Than; Greater Than, Less Than Number Instruction Number Trace (iPad only) 	<ul style="list-style-type: none"> Equals Sign Fewer Than Greater Than/Less Than Pasta Pot Peace Sticker Game 	<ul style="list-style-type: none"> Homelink Newsletters Math My Backpack App Math Sing-Along DVDs



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
2. Identify inequalities <i>continued</i>			
a. Explore relationships by comparing groups of no more than 5 objects to determine more or less <i>continued</i>	<ul style="list-style-type: none"> • Dominoes 1-5 • Bug Bits 1-5 • Number Counting Extended Practice: 1- 5 • More Than • Fewer Than • Greater Than, Less Than (1-digit Numbers) • Make a Math Story (More Than) • Make a Math Story (Fewer Than) 		
STANDARD 2.0 KNOWLEDGE OF GEOMETRY			
TOPIC A.			
1. Recognize and use the attributes of plane geometric figures			
a. Sort objects by one attribute such as: shape, color, and size	<ul style="list-style-type: none"> • All Sorts of Laundry song • Buttons, Buttons book • Sort • Weather Graph: 1, 2, 3 • Observe a Simple System 	<ul style="list-style-type: none"> • Insect and Spider Numbers activity and master • Sort by Texture • Teddy Bear Contest • Trash or Garbage • Worm Sort 	
b. Name the attributes of plane figures such as: shape, color, size	<ul style="list-style-type: none"> • DA Solid Shapes • Simple Shapes • Songs: Marmot Shapes; Kites; Shapes, Shapes, Shapes; Large, Larger, Largest 	<ul style="list-style-type: none"> • Circles and Sides • Corners and Sides • Fancy Shapes • Simple Shapes 	<ul style="list-style-type: none"> • Homelink Newsletters - Math
c. Match triangles, circles, and squares	<ul style="list-style-type: none"> • Simple Shapes • Songs: Marmot Shapes; Shapes, Shapes, Shapes 	<ul style="list-style-type: none"> • Fancy Shapes • Simple Shapes 	
d. Identify triangles, circles, and squares in the environment	<ul style="list-style-type: none"> • Simple Shapes • Songs: Shapes, Shapes, Shapes; Marmot Shapes; Kites Classroom Advantage Only • World Shapes 	<ul style="list-style-type: none"> • Shape Count 	



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
TOPIC B.			
1. Recognize and use the attributes of solid geometric figures			
a. Sort objects by one attribute such as: size, shape, weight, length	<ul style="list-style-type: none"> • Solid Shapes • DA Solid Shapes • Big and Little • Heavy and Light • Tall and Short • Order by Size • Length • Capacity 	<ul style="list-style-type: none"> • Measuring Noodles • Noodle Lengths • Order it Up! • Rainbow Density Jar • Size Sorting Station 	<ul style="list-style-type: none"> • Homelink Newsletters - Math
b. Find solid figures in the environment	<ul style="list-style-type: none"> • Solid Shapes 	<ul style="list-style-type: none"> • Graphing Solids 	
TOPIC E.			
1. Begin to recognize a transformation			
a. Tell position by using words such as: over, under, above, on, next to, below, beside, behind	<ul style="list-style-type: none"> • Songs: Positioning; Get Over the Bugs; Up in the Air • Over, Under, and Through • Top, Beside, and Bottom • Above, Below, Next to, On • First, Middle, Last • Over, Under, Above, Below • Inside, Outside, Between 	<ul style="list-style-type: none"> • Here, Kitty, Kitty • Little Miss Muffet: Curds and Whey • Playing with Shapes • Set the Table • Unit Blocks • Where are the Bears? 	<ul style="list-style-type: none"> • Homelink Newsletters - Math
b. Recognize a slide using concrete materials	<p>Classroom Advantage Only</p> <ul style="list-style-type: none"> • Build with 3D Shapes 	<ul style="list-style-type: none"> • Playing with Shapes • Does it Roll? Does it Stack? Does it Slide? 	
STANDARD 3.0 KNOWLEDGE OF MEASUREMENT			
TOPIC A.			
1. Recognize and use measurement attributes			
a. Demonstrate an understanding of comparative attributes such as: bigger, smaller, longer, shorter, lighter, heavier, shorter, taller, hotter, colder	<ul style="list-style-type: none"> • Big and Little • Heavy and Light • Tall and Short • Order by Size • Length • Capacity 	<ul style="list-style-type: none"> • Measuring Noodles • Noodle Lengths • Order it Up! • Rainbow Density Jar • Size Sorting Station 	<ul style="list-style-type: none"> • Homelink Newsletters - Math



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
1. Recognize and use measurement attributes <i>continued</i>			
b. Compare and describe objects according to a single attribute	<ul style="list-style-type: none"> • Big and Little • Heavy and Light • Tall and Short • Order by Size • Length • Capacity 	<ul style="list-style-type: none"> • Measuring Noodles • Noodle Lengths • Order it Up! • Rainbow Density Jar • Size Sorting Station 	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Math
TOPIC B.			
1. Measure in non-standard units			
a. Measure length of objects	<ul style="list-style-type: none"> • Big and Little • Tall and Short • Order by Size • Length 	<ul style="list-style-type: none"> • Measuring Noodles • Noodle Lengths • Order it Up! • Size Sorting Station 	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Math
b. Explore the capacity of containers	<ul style="list-style-type: none"> • Capacity 	<ul style="list-style-type: none"> • Rainbow Density Jar 	
c. Explore the weight of objects	<ul style="list-style-type: none"> • Heavy and Light 	<ul style="list-style-type: none"> • Make a Balance 	
STANDARD 4.0 KNOWLEDGE OF STATISTICS			
TOPIC A.			
1. Explore and display data			
a. Explore data by answering a yes/no question	<ul style="list-style-type: none"> • Science Tools • Calendar/Graph Weather Classroom Advantage Only • Songs: Tallying, Graphing • One More Cat book • Graphs • Tally Marks 	<ul style="list-style-type: none"> • Heavy and Light • The Sun Makes Things Warm; The Sun Makes Things Grow 	
b. Display data on real graphs	<ul style="list-style-type: none"> • Science Tools • Calendar/Weather Graph Classroom Advantage Only • Songs: Tallying, Graphing • One More Cat book • Graphs • Tally Marks 	<ul style="list-style-type: none"> • Bone Exploration • Bungee Scale • The Sun Makes Things Warm • Observing Plants and Animals • Roots and Shoots 	



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
1. Explore and display data <i>continued</i>			
c. Display data on picture graphs	<ul style="list-style-type: none"> • Science Tools • Calendar/Weather Graph Classroom Advantage Only • Songs: Tallying, Graphing • One More Cat book • Graphs • Tally Marks 	<ul style="list-style-type: none"> • Bone Exploration • Bungee Scale • The Sun Makes Things Warm • Observing Plants and Animals • Roots and Shoots 	
TOPIC B.			
1. Analyze data			
a. Talk about data from real graphs to answer a question such as: Which category has the most?	<ul style="list-style-type: none"> • Science Tools • Calendar/Weather Graph Classroom Advantage Only • Songs: Tallying, Graphing • One More Cat book • Graphs • Tally Marks 	<ul style="list-style-type: none"> • Bone Exploration • Bungee Scale • The Sun Makes Things Warm • Observing Plants and Animals • Roots and Shoots 	
STANDARD 6.0 KNOWLEDGE OF NUMBER RELATIONSHIPS AND COMPUTATION/ARITHMETIC			
TOPIC A.			
1. Apply knowledge of whole numbers			
a. Build concept of number	<ul style="list-style-type: none"> • Math Books (See list of titles at end of document.) • Explain Numbers • Numbers 1-5 • Bug Bits • Number Trace (iPad only) • Number Songs 	<ul style="list-style-type: none"> • Number Frames • Subitizing Cards • Pepperoni Pizza • Number Museum 	<ul style="list-style-type: none"> • My Backpack App



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
1. Apply knowledge of whole numbers <i>continued</i>			
b. Show an understanding of quantity	<ul style="list-style-type: none"> Number Songs Counting Songs Math Books (See list of titles at end of document.) <ul style="list-style-type: none"> One-to-One Correspondence Bug Bits Number Trace (iPad only) Count on by 1 Make and Count Groups 	<ul style="list-style-type: none"> How Many Muffins? Grab and Match Ten Little Goldfish 	<ul style="list-style-type: none"> Homelink Newsletters - Math My Backpack App Math Sing-Along DVDs
c. Construct relationships based on quantity	<ul style="list-style-type: none"> Number Songs Counting Songs Math Books (See list of titles at end of document.) <ul style="list-style-type: none"> Number Practice Number Trace (iPad only) Bug Bits 	<ul style="list-style-type: none"> Number Frames Subitizing Cards Pepperoni Pizza Number Museum 	<ul style="list-style-type: none"> Homelink Newsletters - Math My Backpack App Math Sing-Along DVDs
d. Use classroom experiences to indicate same, more, or less	<ul style="list-style-type: none"> Number Counting Extended Practice More Than Fewer Than For the Birds book Greater Than, Less Than (1-digit Numbers) Make a Math Story (More Than) Make a Math Story (Fewer Than) 	<ul style="list-style-type: none"> Equals Sign Fewer Than Greater Than/Less Than Pasta Pot Peace Sticker Game 	<ul style="list-style-type: none"> Homelink Newsletters - Math My Backpack App Math Sing-Along DVDs
e. Count and discuss quantity	<ul style="list-style-type: none"> Number Songs Counting Songs Math Books (See list of titles at end of document.) <ul style="list-style-type: none"> Counting Puzzle: 1-10, 11-20 Dot to Dot: 1-10, 0-9, 6-15, 11-20 Bug Bits 	<ul style="list-style-type: none"> Compose Numbers Going Fishing Number Beads Weekly Read and Write Number activities Scorecard Shape Count Practice Pages 	<ul style="list-style-type: none"> Homelink Newsletters Math My Backpack App Math Sing-Along DVDs



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
1. Apply knowledge of whole numbers <i>continued</i>			
f. Use concrete materials to build sets 0 to 5	<ul style="list-style-type: none"> • Make and Count Groups 1-5 • Zero is a Big Round Hole song • Zero in My Toy Box book • Groups to 5 Dominoes • Bug Bits • Match Numbers 1-5 	<ul style="list-style-type: none"> • Grab and Match • Lily Pad Numbers • Classroom Count • Number Frames • Number Museum 	<ul style="list-style-type: none"> • Homelink Newsletters - Math
g. Match a numeral to a set 0 to 5	<ul style="list-style-type: none"> • Number Practice • Number Trace (iPad only) • Bug Bits • Daily Numbers • Match Numbers • Make and Count Groups • One-to-One Correspondence • Groups to 5 Dominoes 	<ul style="list-style-type: none"> • Grab and Match • Lily Pad Numbers • Classroom Count • Number Frames • Number Museum 	<ul style="list-style-type: none"> • Homelink Newsletters - Math • My Backpack App • Math Sing-Along DVDs
h. Count to 10	<ul style="list-style-type: none"> • Number Songs • Counting Songs • Math Books (See list of titles at end of document.) • Number Practice • Number Trace (iPad only) • Bug Bits • Number Counting Extended Practice: (1-10) • Order Numbers • Counting Puzzle: 1-10 • Dot to Dot: 1-10 	<ul style="list-style-type: none"> • Bathtub Game • Counting Beads • Number books • Number book activities • Peace • How Many Muffins? • Grab and Match • Ten Little Goldfish • SmartStart Substituting cards 	<ul style="list-style-type: none"> • Homelink Newsletters - Math • My Backpack App • Math Sing-Along DVDs



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
1. Apply knowledge of whole numbers <i>continued</i>			
i. Use ordinal words to indicate position such as: first, next, last	<ul style="list-style-type: none"> • First, Middle, Last • First, Next, Last • Monster Trucks song • Sequencing Events song • Order Numbers <p>Classroom Advantage Only</p> <ul style="list-style-type: none"> • The Circus Came to Town book • Ordinals song • Ordinal Numbers 	<ul style="list-style-type: none"> • First, Next, Last • Introduce Number weekly activities 	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Math
STANDARD 7.0 PROCESSES OF MATHEMATICS			
TOPIC A.			
1. Apply a variety of concepts, processes, and skills to solve problems			
a. Identify the question in the problem	<ul style="list-style-type: none"> • Act Out Addition • Act Out Subtraction • Make a Math Story 	<ul style="list-style-type: none"> • Additon Stories • Creepy Crawly Number Sentences • Fish Addition 	
b. Decide if enough information is present to solve the problem	<ul style="list-style-type: none"> • Act Out Addition • Act Out Subtraction • Make a Math Story 		
c. Make a plan to solve a problem	<ul style="list-style-type: none"> • Act Out Addition • Act Out Subtraction • Make a Math Story 	<ul style="list-style-type: none"> • Number Beads • Fish Addition 	
d. Apply a strategy, i.e., draw a picture, guess and check, finding a pattern, writing an equation	<ul style="list-style-type: none"> • Act Out Addition • Act Out Subtraction • Make a Math Story • Patterns 	<ul style="list-style-type: none"> • Act Out Addition • Act Out Subtraction • Addition Stories • Monkeys in Trees • Subtracting to 9 • Subtract from 5 • There Go the Leaves! • Whale Stories • Yummy Subtraction Pairs 	



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
1. Apply a variety of concepts, processes, and skills to solve problems <i>continued</i>			
e. Select a strategy, i.e., draw a picture, guess and check, finding a pattern, writing an equation	<ul style="list-style-type: none"> • Act Out Addition • Act Out Subtraction • Make a Math Story • Patterns <p>Classroom Advantage Only</p> <ul style="list-style-type: none"> • Story Problem Strategies 	<ul style="list-style-type: none"> • Act Out Addition • Act Out Subtraction • Addition Stories • Monkeys in Trees • Subtracting to 9 • Subtract from 5 • There Go the Leaves! • Whale Stories • Yummy Subtraction Pairs 	
f. Identify alternative ways to solve a problem	<ul style="list-style-type: none"> • Act Out Addition • Act Out Subtraction • Make a Math Story <p>Classroom Advantage Only</p> <ul style="list-style-type: none"> • Story Problem Strategies 	<ul style="list-style-type: none"> • Bathtub Game • 5 Plus • Build Numbers 	
g. Show that a problem might have multiple solutions or no solution	<ul style="list-style-type: none"> • Make a Math Story <p>Classroom Advantage Only</p> <ul style="list-style-type: none"> • Story Problem Strategies 	<ul style="list-style-type: none"> • Act Out Addition • Act Out Subtraction • Addition Stories • Monkeys in Trees • Subtracting to 9 • Subtract from 5 • There Go the Leaves! • Whale Stories • Yummy Subtraction Pairs • 12 Ways to Get to 11 	
h. Extend the solution of a problem to a new problem situation	<ul style="list-style-type: none"> • Make a Math Story <p>Classroom Advantage Only</p> <ul style="list-style-type: none"> • Story Problem Strategies 	<ul style="list-style-type: none"> • Number Cover-Up • Yummy Subtraction Pairs • Dice Numbers 	
TOPIC B.			
1. Justify ideas or solutions with mathematical concepts or proofs			
a. Use inductive or deductive reasoning	<ul style="list-style-type: none"> • Make a Math Story <p>Classroom Advantage Only</p> <ul style="list-style-type: none"> • Story Problem Strategies 	<ul style="list-style-type: none"> • Capacity: Filling Table • Number Sense Jars 	



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
1. Justify ideas or solutions with mathematical concepts or proofs <i>continued</i>			
b. Make or test generalizations	<ul style="list-style-type: none"> • Make a Math Story • Classroom Advantage Only • Story Problem Strategies 	<ul style="list-style-type: none"> • Capacity: Filling Table • Number Sense Jars 	
c. Support or refute mathematical statements or solutions	<ul style="list-style-type: none"> • Number Practice • Number Trace (iPad only) • Make and Count Groups • Make a Math Story • Classroom Advantage Only • Story Problem Strategies 	<ul style="list-style-type: none"> • Guess My Rule • Subtracting to 9 • Subtracting From 5 • Counting Beads 	
d. Use methods of proof, i.e., direct, indirect, paragraph, or contradiction	<ul style="list-style-type: none"> • Number Practice • Number Trace (iPad only) • Make and Count Groups • Make a Math Story • Classroom Advantage Only • Story Problem Strategies 	<ul style="list-style-type: none"> • Addition and Subtraction • Subtract From 5 • Act Out Subtraction • Act Out Addition 	
TOPIC C.			
1. Present mathematical ideas using words, symbols, visual displays, or technology			
a. Use multiple representations to express concepts or solutions	<ul style="list-style-type: none"> • Make a Math Story • Act Out Addition • Act Out Subtraction • Classroom Advantage Only • Story Problem Strategies 	<ul style="list-style-type: none"> • Creepy Crawly Number Sentences • Number Beads • Addition Stories • Number 6 Bags • Fish Addition • Whale Stories • Pasta Pot • Sticker Game • Subitizing Cards • Number Frames • Kid Addition 	
b. Express mathematical ideas orally	Waterford software demonstrates mathematical ideas and solutions by orally modeling the process. The student sees the example while listening to the thought process at each step.	<ul style="list-style-type: none"> • Make a Balance • Bungee Scale • Pepperoni Pizza • How Many Muffins? • Act Out Addition • Fish Addition 	



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
1. Present mathematical ideas using words, symbols, visual displays, or technology <i>continued</i>			
c. Explain mathematically ideas in written form	<ul style="list-style-type: none"> • Math Books • Counting Books (See list of titles at end of document.) <ul style="list-style-type: none"> • Make a Math Story • Make and Count Groups • Act Out Addition • Act Out Subtraction • Number Practice • Number Trace (iPad only) 	<ul style="list-style-type: none"> • Creepy Crawly Number Sentences • Number Beads • Addition Stories • Number 6 Bags • Fish Addition • Whale Stories • Pasta Pot • Sticker Game • Add Sums to 5 	
d. Express solutions using concrete materials	<ul style="list-style-type: none"> • Make and Count Groups • Act Out Addition • Act Out Subtraction • Make a Math Story 	<ul style="list-style-type: none"> • Number 6 Bags • Whale Stories • Yummy Subtraction Pairs • There Go the Leaves • Pasta Pot • The Monkeys Forgot to Brush Their Teeth • Sticker Game • Kid Addition 	
e. Express solutions using pictorial, tabular, graphical, or algebraic methods	<ul style="list-style-type: none"> • Weather Graph • Make and Count Groups • Act Out Addition • Act Out Subtraction • Make a Math Story 	<ul style="list-style-type: none"> • Graphing Solids • Noodle Lengths 	
f. Explain solutions in written form	<ul style="list-style-type: none"> • Math Books • Counting Books (See list of titles at end of document.) <ul style="list-style-type: none"> • Make a Math Story • Make and Count Groups • Act Out Addition • Act Out Subtraction • Number Practice • Number Trace (iPad only) 	<ul style="list-style-type: none"> • Creepy Crawly Number Sentences • Number Beads • Addition Stories • Number 6 Bags • Fish Addition • Whale Stories • Pasta Pot • Sticker Game 	



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
1. Present mathematical ideas using words, symbols, visual displays, or technology <i>continued</i>			
g. Ask questions about mathematical ideas or problems	<ul style="list-style-type: none"> • Math Books • Counting Books (See list of titles at end of document.) • Make a Math Story • Act Out Addition • Act Out Subtraction 	<ul style="list-style-type: none"> • Rainbow Density • Capacity: Filling Table 	
h. Give or use feedback to revise mathematical thinking	Waterford software demonstrates mathematical thinking by orally modeling the process. The student sees the example while listening to the thought process at each step.	<ul style="list-style-type: none"> • Lining Up Boxes • Capacity: Filling Table • Order Numbers 6-10 	
TOPIC D.			
1. Relate or apply mathematics within the discipline, to other disciplines, and to life			
a. Identify mathematical concepts in relationship to other mathematical concepts	<ul style="list-style-type: none"> • Math Books • Counting Books • Number Songs (See list of titles at end of document.) • Songs: Monster Trucks; Get Over the Bugs; Subtract Those Cars; On the Bayou; Pirates Can Add • Books: Buttons, Buttons; Zero in My Toy Box; Up in the Air; A Space Adventure; For the Birds • Make a Math Story 	<ul style="list-style-type: none"> • Truck Addition & Subtraction • Activity Centers • Attribute Blocks • Does it Roll? • Is It Flat or Solid? • Guess My Rule • Shape Sort 	



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
1. Relate or apply mathematics within the discipline, to other disciplines, and to life <i>continued</i>			
<p>b. Identify mathematical concepts in relationship to other disciplines</p>	<ul style="list-style-type: none"> • Math Books • Counting Books • Number Songs <p>(See list of titles at end of document.)</p> <ul style="list-style-type: none"> • Make a Math Story • Patterns • Sort • Songs: Monster Trucks; Get Over the Bugs; Subtract Those Cars; On the Bayou; Pirates Can Add • Books: Buttons, Buttons; Zero in My Toy Box; Up in the Air; A Space Adventure; For the Birds 	<ul style="list-style-type: none"> • Measuring Noodles • Noodle Lengths • Order it Up! • Rainbow Density Jar • Size Sorting Station • Bones Exploration • Heavy and Light • Lining Up Boxes 	
<p>c. Identify mathematical concepts in relationship to life</p>	<ul style="list-style-type: none"> • Math Books • Counting Books • Number Songs <p>(See list of titles at end of document.)</p> <ul style="list-style-type: none"> • Make a Math Story • Patterns • Sort • Songs: Monster Trucks; Get Over the Bugs; Subtract Those Cars; On the Bayou; Pirates Can Add • Books: Buttons, Buttons; Zero in My Toy Box; Up in the Air; A Space Adventure; For the Birds 	<ul style="list-style-type: none"> • Measuring Noodles • Noodle Lengths • Order it Up! • Rainbow Density Jar • Size Sorting Station • Bones Exploration • Heavy and Light • Lining Up Boxes 	



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
1. Relate or apply mathematics within the discipline, to other disciplines, and to life <i>continued</i>			
<p>d. Use the relationship among mathematical concepts to learn other mathematical concepts</p>	<ul style="list-style-type: none"> • Math Books • Counting Books • Number Songs (See list of titles at end of document.) • Songs: Monster Trucks; Get Over the Bugs; Subtract Those Cars; On the Bayou; Pirates Can Add • Books: Buttons, Buttons; Zero in My Toy Box; Up in the Air; A Space Adventure; For the Birds • Act Out Addition • Act Out Subtraction • Make a Math Story 	<ul style="list-style-type: none"> • Attribute Blocks • Does it Roll? • Is it Flat or Solid? • Guess My Rule • Shape Sort • Combining Shapes 	



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
SCIENCE GRADE PK			
STANDARD 1.0 SKILLS AND PROCESSES			
TOPIC A.			
1. Raise questions about the world around them and be willing to seek answers to some of them by making careful observations and trying things out.			
<p>a. Describe what can be learned about things by just observing those things carefully and adding information by sometimes doing something to the things and noting what happens.</p>	<ul style="list-style-type: none"> • Look at Details • Scientist Biographies • Science Investigation • Observe a Simple System • Science Tools 	<ul style="list-style-type: none"> • What’s the Matter? • Push or Pull Station • Experimenting with Sounds • Sight Activity • Water Exploration • Traveling Light 	
<p>b. Seek information through reading, observation, exploration, and investigations.</p>	<ul style="list-style-type: none"> • Look at Details • Scientist Biographies • Science Investigation • Observe a Simple System • Science Tools 	<ul style="list-style-type: none"> • Seed Investigation • States of Matter • The Apple Tree • Make a Balance • Book of Smells • Graphing Solids • Where in the World? • Excellent Eyes • Water Exploration 	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Science
<p>c. Use tools such as thermometers, magnifiers, rulers, or balances to extend their senses and gather data.</p>	<ul style="list-style-type: none"> • Science Tools • Look at Details • Scientist Biographies • Science Investigation • Observe a Simple System 	<ul style="list-style-type: none"> • Seed Investigation • States of Matter • The Apple Tree • Make a Balance • Book of Smells • Graphing Solids • Where in the World? • Excellent Eyes • Water Exploration 	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Science
<p>d. Explain that when a science investigation is done the way it was done before, we expect to get a very similar result.</p>	<ul style="list-style-type: none"> • Look at Details • Scientist Biographies • Science Investigation • Science Tools 	<ul style="list-style-type: none"> • How Strong is the Magnet • What Do We Hear? • Why Do Kites Need Tails? 	



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
1. Raise questions about the world around them and be willing to seek answers to some of them by making careful observations and trying things out <i>continued</i>			
e. Participate in multiple experiences to verify that science investigations generally work the same way in different places.	<ul style="list-style-type: none"> • Science Tools • Science Investigation • The Germs book • Avoid Germs and Prevent Illness 	<ul style="list-style-type: none"> • Seed Investigation • States of Matter • The Apple Tree • Make a Balance • Book of Smells • Graphing Solids • Where in the World? • Excellent Eyes • Water Exploration 	
f. Suggest things that you could do to find answers to questions raised by observing objects and/or phenomena (events such as, water disappearing from the classroom aquarium or a pet's water bowl).	<ul style="list-style-type: none"> • Science Tools • Science Investigation • Observe a Simple System • I Want to Be a Scientist Like Jane Goodall • I Want to Be a Scientist Like George Washington Carver 	<ul style="list-style-type: none"> • Questions for the Librarian • Will It Fly? • Why Do Kites Need Tails? • Do Plants Need Water? • What Do Spiders Like? • Seed Investigation • The Water Cycle 	
g. Use whole numbers and simple, everyday fractions in ordering, counting, identifying, measuring, and describing things and experiences.	<ul style="list-style-type: none"> • Science Tools • Science Investigation • Counting • Order Size • Length • Big and Little • Songs: Large, Larger, Largest; Savanna Size 	<ul style="list-style-type: none"> • The Sun Makes Things Warm • How Strong is the Magnet? • What Do Spiders Like? • Can an Earthworm Tell if it's Hot or Cold? 	



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
TOPIC B.			
1. People are more likely to believe your ideas if you can give good reasons for them.			
a. Provide reasons for accepting or rejecting ideas examined.	<ul style="list-style-type: none"> • Songs: Big Little Animals; Same and Different; Large and Small; More Than, Fewer Than; Large, Larger, Largest; Savanna Size • Sort • Make Comparisons • Science Tools • Match • Videos: The Broken Lamp; Dinner Time; Baby Wants Berries; Lost and Found; Marmot Basket; Clubhouse 	<ul style="list-style-type: none"> • Seed Investigation • Can an Earthworm Tell if it's Hot or Cold? 	
b. Develop reasonable explanations for observations made, investigations completed, and information gained by sharing ideas and listening to others' ideas.	<ul style="list-style-type: none"> • Songs: Big Little Animals; Same and Different; Large and Small; More Than, Fewer Than; Large, Larger, Largest; Savanna Size • Sort • Make Comparisons • Science Tools • Match • Videos: The Broken Lamp; Dinner Time; Baby Wants Berries; Lost and Found; Marmot Basket; Clubhouse 	<ul style="list-style-type: none"> • Seed Investigation • States of Matter • The Apple Tree • Make a Balance • Book of Smells • Graphing Solids • Where in the World? • Excellent Eyes • Water Exploration 	
c. Explain why it is important to make some fresh observations when people give different descriptions of the same thing.		<ul style="list-style-type: none"> • Mirrors and Reflections • I Want to Be a Scientist like Wilbur and Orville Wright • Same and Different • Telephone Game 	



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
TOPIC C.			
1. Ask, "How do you know?" in appropriate situations and attempt reasonable answers when others ask them the same question.			
a. Describe things as accurately as possible and compare observations with those of others.	<ul style="list-style-type: none"> • Look at Details • Scientist Biographies • Science Investigation • Observe a Simple System • Materials 	<ul style="list-style-type: none"> • Materials • States of Matter • Push or Pull • Smell Awareness • Feely Box • Rough and Smooth Exhibit 	
b. Describe and compare things in terms of number, shape, texture, size, weight, color, and motion.	<ul style="list-style-type: none"> • Look at Details • Scientist Biographies • Science Investigation • Observe a Simple System • Materials • Capacity • Order Size • Length • Measuring Plants song 	<ul style="list-style-type: none"> • Water Exploration • Sight Activity • Plants in the Desert • Materials • Solid or Liquid? • States of Matter • Exploring Magnets • Rough and Smooth Exhibit • Feely Box • Sort By Texture 	
c. Draw pictures that correctly portray at least some features of the thing being described and sequence events (seasons, seed growth).	<ul style="list-style-type: none"> • Weather Graph: 1, 2, 3 • Observe a Simple System 	<ul style="list-style-type: none"> • Bone Exploration • Bungee Scale • The Sun Makes Things Warm • Observing Plants and Animals • Roots and Shoots 	
d. Have opportunities to work with a team, share findings with others, and recognize that all team members should reach their own conclusions about what the findings mean.		<ul style="list-style-type: none"> • How Strong is the Magnet? • Seed Investigation • Why do Kites Need Tails? 	
e. Recognize that everybody can do science and invent things and ideas.	<ul style="list-style-type: none"> • Scientist Biographies 	<ul style="list-style-type: none"> • Inventor's Notebook • Patent Applications 	



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
TOPIC D.			
1. Design and make things with simple tools and a variety of materials			
a. Make something out of paper, cardboard, wood, plastic, metal, or existing objects that can actually be used to perform a task.	<ul style="list-style-type: none"> • Materials • Solid or Liquid • Big or Heavy • Magnets 	<ul style="list-style-type: none"> • Junk Sculptures • Materials • Activity Centers • Plan a Building 	
b. Recognize that tools are used to do things better or more easily and to do some things that could not otherwise be done at all.	Classroom Advantage Only <ul style="list-style-type: none"> • Simple Machines • Simple Machines 2 	<ul style="list-style-type: none"> • Push and Pull • Which Works Best: Push or Pull? • Materials • Winter • Tool Center 	
c. Assemble, describe, take apart and reassemble constructions using interlocking blocks, erector sets and the like.		<ul style="list-style-type: none"> • Legos • Activity Centers • Plan a Building • Community Design 	
d. Recognize that some kinds of materials are better than others for making any particular thing, for example, materials that are better in some ways (such as stronger and cheaper) may be worse in other ways (such as heavier and harder to cut).	<ul style="list-style-type: none"> • Materials • Solid or Liquid • Big or Heavy • Magnets 	<ul style="list-style-type: none"> • Junk Sculptures • Winter • Will It Fly? • Activity Centers 	
e. Explain that sometimes it is not possible to make or do everything that is designed.		<ul style="list-style-type: none"> • Activity Centers • Community Design • Plan a Building • Inventors Notebook 	
2. Practice identifying the parts of things and how one part connects to and affects another.			
a. Investigate a variety of objects to identify that most things are made of parts	Classroom Advantage Only <ul style="list-style-type: none"> • Simple Machines • Simple Machines 2 • How Did the Chicken Cross the Road? book 		



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
2. Practice identifying the parts of things and how one part connects to and affects another <i>continued</i>			
b. Explain that something may not work if some of its parts are missing.	Classroom Advantage Only <ul style="list-style-type: none"> Simple Machines Simple Machines 2 How Did the Chicken Cross the Road? book 	<ul style="list-style-type: none"> Why Do Kites Need Tails? 	
c. Explain that when parts are put together, they can do things that they couldn't do by themselves.	Classroom Advantage Only <ul style="list-style-type: none"> Simple Machines Simple Machines 2 How Did the Chicken Cross the Road? book 		
3. Examine a variety of physical models and describe what they teach about the real things they are meant to resemble.			
a. Explain that a model of something is different from the real thing but can be used to learn something about the real thing.		<ul style="list-style-type: none"> Changing Reptiles Insects and How They Walk Swamp Sensory Tub Volcanoes Birdwatching Insect Parts 	
b. Realize that one way to describe something is to say how it is like something else.		<ul style="list-style-type: none"> Volcanoes Rough and Smooth Exhibit 	
STANDARD 2.0 EARTH/SPACE SCIENCE			
TOPIC E.			
2. Describe the weather using observations.			
a. Observe and describe the weather using senses.	<ul style="list-style-type: none"> The Five Senses song Books: I Wish I Had Ears Like a Bat Sight Hearing Touch Smell Taste 	<ul style="list-style-type: none"> Book of Smells Excellent Eyes Smell Awareness Sweet, Sour, Bitter, Salty Feely Box 	<ul style="list-style-type: none"> Homelink Newsletters <ul style="list-style-type: none"> Science



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
2. Describe the weather using observations <i>continued</i>			
b. Describe qualitative changes in weather, such as temperatures, precipitation, wind, etc.	Classroom Advantage Only <ul style="list-style-type: none"> • Seasons • Seasons song • That’s What I Like About Seasons book • Summer • Fall • Winter • Spring 	<ul style="list-style-type: none"> • The Sun Makes Things Warm • Seed Investigation • Star Pictures • Traveling Light • Build a Constellation 	
STANDARD 3.0 LIFE SCIENCE			
TOPIC A.			
1. Observe a variety of familiar plants and animals to describe how they are alike and how they are different.			
a. Gather information about how some animals are alike in the way they look and in the things they do.	<ul style="list-style-type: none"> • Plant or Animal • Mammals • Birds • Fish • Amphibians • Reptiles • Insects • Spiders • Worms • Invertebrates 	<ul style="list-style-type: none"> • Insects and How They Walk • Swamp Sensory Tub • Observing Plants and Animals • Plant or Animal • Living or Non-Living 	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Science
b. Gather information about how some plants are alike in the way they look and in the things they do.	<ul style="list-style-type: none"> • Plants • Plant or Animal • Food From Plants 	<ul style="list-style-type: none"> • Swamp Sensory Tub • Observing Plants and Animals • Plant or Animal • Living or Non-Living • Roots and Shoots 	<ul style="list-style-type: none"> • Homelink Newsletters <ul style="list-style-type: none"> - Science
c. Draw a picture of two animals that look alike (or plants) and of two animals (or plants) that look different and respond to questions that are raised by those who observe the pictures.		<ul style="list-style-type: none"> • Frog or Toad? 	



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
1. Observe a variety of familiar plants and animals to describe how they are alike and how they are different <i>continued</i>			
d. Identify some of the things that all animals do, such as eat, move around and explain how their features (observable parts) help them do these things.	<ul style="list-style-type: none"> Plant or Animal 	<ul style="list-style-type: none"> Fish Scales Insects and How They Walk 	
TOPIC C.			
1. Observe, describe and compare different kinds of animals and their offspring			
a. Recognize and describe the similarities and differences among familiar animals and their offspring.	<ul style="list-style-type: none"> Observe a Simple System (Chicken Observation) 	<ul style="list-style-type: none"> Raising Tadpoles Mammals 	
b. Describe how offspring are very much, but not exactly, like their parents and like one another.	<ul style="list-style-type: none"> Observe a Simple System (Chicken Observation) 	<ul style="list-style-type: none"> Raising Tadpoles Changing Reptiles 	
STANDARD 4.0 CHEMISTRY			
TOPIC A.			
1. Use evidence from investigations to describe the observable properties of a variety of objects.			
a. Examine and describe a variety of familiar objects in terms of the materials from which they are made (clay, cloth, paper, etc).	<ul style="list-style-type: none"> Materials Solid or Liquid Big or Heavy Magnets 	<ul style="list-style-type: none"> States of Matter Book of Smells Solid and Liquid 	<ul style="list-style-type: none"> Homelink Newsletters <ul style="list-style-type: none"> Science
b. Based on data gathered, describe the observable properties of familiar objects (size, shape, color, and texture).	<ul style="list-style-type: none"> Weather Graph: 1, 2, 3 Observe a Simple System 	<ul style="list-style-type: none"> Bone Exploration Bungee Scale The Sun Makes Things Warm Observing Plants and Animals Roots and Shoots 	



MARYLAND STANDARD	DIGITAL RESOURCES	PRINT RESOURCES	FAMILY ENGAGEMENT RESOURCES
1. Use evidence from investigations to describe the observable properties of a variety of objects <i>continued</i>			
b. Compare information to prior knowledge		<ul style="list-style-type: none"> • What Do Birds Eat? 	
c. Recognize relationships in and among ideas or events, such as cause and effect, sequential order, main idea, and details		<ul style="list-style-type: none"> • Do Plants Needs Water to Grow? • Will It Fly? • I Want to be a Scientist Like Wilbur and Orville Wright • Which Works Best: Push or Pull • The Water CycleWhat's the Matter? • Push or Pull Station • Experimenting with Sounds • Sight Activity • Water Exploration • Traveling Light 	



MATH SING-ALONG

(NUMBERS ON THE GO) DVD

Zero Is a Big Round Hole; Poor Wandering 1; Snowy Twos Day; 1, 2, 3; Country Counting; 4 in the Jungle; Give me 5; Suzy Ladybug; Bagpipe Counting; 7 Train; 8 Octopus Legs; Highway 9; 10 Astronauts; Dixieland Counting; When I Saw 11; I Love the Number; 12; 13 Clues; Flower Counting; 14 Camels; Fun 15; 16 Ants; Counting to 17; Funk Counting; 18 Carrot Stew; 19 Around the World; 20; Fingers and Toes; Count to 31; Count to 100

NURSERY RHYMES & SONGS DVD

Rhyming Words A: The Apple Tree; B: Bluebird, Bluebird; C: Pat-a-Cake; D: Hey Diddle, Diddle; E: One Elephant Went Out to Play; F: The Farmer in the Dell; G: Ten Little Goldfish; H: All the Pretty Little Horses; I: Mother, Mother, I Am Ill; J: Jack and Jill; K: Three Little Kittens; L: Mary Had a Little Lamb; M: Little Miss Muffett; N: I Touch My Nose Like This (Spanish); O: Polly, Put the Kettle On; P: This Little Pig; Q: Quack, Quack, Quack; R: Little Rabbit (Chinese); S: Eensy, Weensy Spider; T: Tortillas, Tortillas (Spanish); U: The Bus; V: My Valentine; W: Wee Willie Winkie; X: A-hunting We Will Go; Y: Yankee Doodle; Z: The Zulu Warrior

LETTER SOUND SONGS DVD

Picture Sound Song; Tongue Twister; Show and Tell Sound Song; Scientist Sound Song; Apples and Bananas Vowel Song; Old MacDonald's Vowels; Lowercase Letter Formation (a-z)

MATH HOMELINK NEWSLETTERS

Match
Position
Shapes
Counting
Patterns
Sort
Size
Number Sense (1-10)
Order (1-10)
Count On
Measurement (length)
Count Down
Addition (10)
Numbers 11-15
Numbers 16-20

SCIENCE HOMELINK NEWSLETTERS

The World Around Us (5 senses)
Living Things (living v. non-living)
Plants
Vertebrates
Invertebrates
The Sky Above Us (sun, moon, stars)
Our Earth (recycle, ecosystems)
How it Works (push/pull, solid/liquid, magnets, materials)

MY BACKPACK APP

Mental Math
Read-Alongs
Traditional Tales
Sing-Along Songs
Nursery Rhymes



READING HOMELINK NEWSLETTERS

Alphabet Knowledge Comprehension and Vocabulary

Sum Up: Remember Order
Sum Up: Remember Details
Peek at the Story
Guess and Check
Connect to Me
Build Knowledge

Readiness Skills Letters

Naming parts of the body
First, Next, Last
One-to-One correspondence
Opposites
Look at Details (identify same and different)

Phonological Awareness Letters

What is Rhyming?
Which Words Rhyme?
Sentences Are Made Up of Words
Making Compound Words
Breaking Compound Words
What Is a Syllable?
Put Syllables Together to Make Words
Break Words into Syllables
The First Sound in a Word
Words with the Same First Sound
Making Words from First Sounds and the Rest



SING A RHYME SONGS & BOOKS

The Apple Tree; Baa, Baa, Black Sheep; Pat-a-cake; Hey Diddle, Diddle; One Elephant Went Out to Play; The Farmer in the Dell; Ten Little Goldfish; All the Pretty Little Horses; Mother, Mother, I Am Ill; Jack and Jill; Three Little Kittens; Mary Had a Little Lamb; Little Miss Muffet; I Touch My Nose Like This; Polly, Put the Kettle On; This Little Pig; Quack, Quack, Quack; Rock-a-Bye Baby; Itsy Bitsy Spider; Tortillas, Tortillas; The Bus; My Valentine; Where Is Thumbkin?; 1, 2, Buckle My Shoe; Yankee Doodle; The Zulu Warrior

READ WITH ME BOOKS

Andy's Adventure; Baby's Birthday; At Camp; I Go...; Eleven Elephants; Five; Go, Grasshopper; Hair; Who Has an Itch?; Jumbled; Here, Kitty, Kitty; Long Lewie; Magnifying Glass; New; Opposites; Pairs; The Quiet Book; Rascal's Rotten Day; Six Silly Sailors; Together; Under; Family Vacation; Watch the Woolly Worm; Rex Is in a Fix; Yummy; The Zebra

ABC SONGS

Capital Letters

Fish, Jungle, Pirate, Red Riding Hood, Factory, Picnic, Magician, Airplane, Fireworks, Fairy

Mixed Case Letters

Jazz, Magic

Lowercase Letters

Flowers, Factory, Fish, Jungle, Picnic, Red Riding Hood

MATH BOOKS

One Day on the Farm, Two Feet, Look for Three, Four Fine Friends, Grandpa's Great Athlete: A Book About 5, Hide and Seek Six, Just Seven, Eight at the Lake, 9 Cat Night, Ten for My Machine, The Search for Eleven, The Tasty Number Twelve, Thirteen in My Garden, Fourteen Camel Caravan, Fifteen on a Spring Day, Dinner for Sixteen, The Seventeen Machine, Eighteen Carrot Stew, Nineteen Around the World, Twenty Clay Children

NUMBER SONGS

Count to 31; Hotel 100; Poor Wandering 1; Snowy Twos Day; 1, 2, 3, 4 in the Jungle; Give Me 5; Suzy Ladybug; 7 Train; 8 Octopus Legs; Highway 9; 10 Astronauts; When I Saw 11; I Love the Number 12; 13 Clues; 14 Camels; Fun 15; 16 Ants; Counting to 17; 18 Carrot Stew; 19 Around the World; 20 Fingers and Toes

COUNTING SONGS

Asian Counting, Marching Band Counting, Flower Counting, Country Counting, Dixieland Counting, Funky Counting, Reggae Counting, Salsa Counting, Techno Counting, Bagpipe Counting, Counting on the Mountain

SCIENCE BOOKS

I Want to Be a Scientist Like Jane Goodall, Follow the Apples!, I Want to Be a Scientist Like George Washington Carver, Guess What I Am, Where in the World Would You Go Today?, Star Pictures, I Wish I Had Ears Like a Bat, Creepy Crawlers

EXECUTIVE FUNCTION VIDEOS

My Name Is Squirrel, Come Inside, Soup's On, Musical Mayhem, Perfect Present, Do I Have To?, It's Not Fair!, Party Time, Squirrel's Sketches, Mama's Melody, Baby's Ballet, Papa's Play, Where's Papa?, Lost and Found, Boo Hoo Baby, Find Me!, Clubhouse, Marmot Basket, Pretend Play

Family Photo Fun

Dinner Time, Broken Lamp, and The Picnic

I Can Calm Down

Lost Dinosaur, Baby's Blocks, Papa Hurts His Thumb, Squirrel Blocks, Baby Wants Berries, Lost Keys, Noisy Children, and Broken Vase

