

	Preschool: Puffins	Pre-K: Rockets	Kindergarten: Bears
Writing	Print Awareness and Alphabet Knowledge -understands that words can be written down and read -points to words using a left to right progression when reading picture books -recognizes or read several words -associated sounds and written words -identifies all letters of the alphabet  Early Writing -labels drawings with letters -represents ideas, stories, and experiences through pictures to represent ideas, to writing recognizable letters -copies or writes familiar words and own name	Print Awareness and Alphabet Knowledge -points to words using a left to right progression when reading picture books -recognizes or read several words -identifies all letters of the alphabet and their sounds -can reproduce all letter of the alphabet  Early Writing -can print own name -represents ideas, stories, and experiences through pictures to represent ideas, to writing recognizable letters -copies or writes familiar words -can recognize and write number words one to ten	Print Concepts -can demonstrate understanding of the organization of basic features of print -can construct simple sentences  Opinion Pieces -use a combination of drawing, dictating, and writing to state an opinion about a book they have read  Explanatory/ Informative Texts -use a combination of drawing, dictating, and writing to name what they are writing about and supply some information about the topic  Narratives -use a combination of drawing, dictating, and writing to narrate a single event or several loosely linked events, tell about the events in the order they occurred, and provide a reaction to what happened







	Preschool: Puffins	Pre-K: Rockets	Kindergarten: Bears
Language & Literacy	-carries on a conversation to extend thoughts and ideas -tells short stories, and engages in finger plays, rhymes, and poems -retells main ideas of familiar stories, songs, or poems  Speaking and Communicating -uses vocabulary to effectively express feelings and thoughts -initiates conversations and discussions with peers and adults  Phonological Awareness -recognizes matching sounds and rhymes in familiar words -discriminates rhyming words in familiar games, songs, stories, and poems -sings or chants rhymes or rhyming songs -recognizes parts of words (claps for each syllable) -plays with sounds to make up new words (silly, willy, nilly) -associated sounds with written letters -isolates beginning and ending sounds in printed or spoken words  Book Knowledge and Comprehension -demonstrates sustained listening during story time -pretends to read a story -gains information from stories read aloud -answers questions about the story, tell and retells	Listening and Understanding -can retell and tell detailed stories -can listen to and follow directions accurately on auditory CDs -can clap or tap a pattern after hearing it -can recognize and identify common objects and learn the names of uncommon objects -can identify what is wrong or missing in a picture -can match like objects -can follow lines in reproducing shapes/designs -can arrange pictures in sequential order after hearing a story -can arrange pictures in sequential order after looking at three pictures  Speaking and Communicating -speaks in a complete sentence when asked a question  Phonological Awareness -can recite nursery rhymes and tell rhyming words in each -hears rhyming words in and out of context and can tell the difference between opposite and rhyming words and sounds -can tell what letter comes before/after a designated letter of the alphabet -has auditory recognition of the sounds in the beginning, ending, and medial position in	Literature -can engage in literary reading activities with purpose and understanding -can ask or answer questions about key details in a text -can retell familiar stories including key ideas -can identify characters, setting, and main events in a story -can ask and answer questions about unknown words in a text -can recognize common types of texts (story book and poems) -can name the author and illustrator of a story and define the role of each -can describe the relationship between illustrations and the story in which they appear -can compare and contrast the adventures and experiences of characters in a specific story  Speaking and Listening -can participate effectively in a range of conversations and collaborations, building on others' ideas -can integrate and evaluate information presented in diverse media and formats, including visually, quantitatively, and orally -can evaluate a speaker's point of view, reasoning, and use of evidence
	-demonstrates sustained listening during story time -pretends to read a story -gains information from stories read aloud	-can tell what letter comes before/after a designated letter of the alphabet -has auditory recognition of the sounds in	presented in diverse media and formats, including visually, quantitatively, and orally -can evaluate a speaker's point of view,



# **Curriculum Goals**

Lower School Language Arts

	Phonological Awareness -can count, pronounce, blend, and segment syllables in spoken words -can isolate and pronounce the initial, medial vowel, and final sounds in simple words -can add or substitute individual sounds in simple one-syllable words to make new words -can associate the long and short sounds with common spellings for the five major vowels -can read common high-frequency words by sight
	Grammar -can use frequently occurring nouns and verbs -can form regular plural nouns -correctly use question words -use most frequently occurring prepositions -produce and expand complete sentences  Conventions -capitalize the first word in a sentence and the pronoun I -name and end punctuation -can spell simple words phonetically



	<b>Preschool: Puffins</b>	Pre-K: Rockets	Kindergarten: Bears
Counting &	Knows number	Knows number names and sequence	Knows number names and sequence
Cardinality	names and sequence	-counts and writes to 100 by ones and tens	-counts and writes to 100+ by ones, fives, and tens
our uniterity	-counts and writes to	-counts forward and backward beginning	-counts forward and backward beginning from any
	30 by ones and tens	from any number	number
	-counts forward and	-skip-count by 2s, 5s and 10s	-skip-count by 2s, 5s and 10s
	backward beginning		-writes number words to ten
	from any number	Count to tell the number of objects	-writes Roman Numerals: I - X
	-skip-count by 5s and	-understand that each successive number is	
	10s	one larger	Count to tell the number of objects
		-count to answer "how many?"	-uses a number line to count
	Count to tell the	-tally marks: up to 100	-uses a hundreds chart to count
	number of objects	-number lines: up to 100	-identifies even and odd numbers on a number line
	-count to answer "how		-identifies groups of objects as a numeral without
	many?"		counting
	-understand that each		
	successive number is		Compare numbers
	one larger		-identify greater than, less than, or equal to
	-uses wooden boxes		-compare two numbers between 0-100
	with slits to count dots		-understands first, second, and third
	and pictures		-Venn diagrams
	-can complete dot-to-		-put numbers in order
	dots independently: up		
	to 10		
	-can count on an		
	abacus and with		
	various manipulatives		



	<b>Preschool: Puffins</b>	Pre-K: Rockets	Kindergarten: Bears
Operations &	Understand addition	Understand addition and subtraction	Understand addition and subtraction
Algebraic	and subtraction	-add/subtract with pictures: within 20	-add/subtract with pictures: within 30
Thinking	-add/subtract with	-add/subtract with numbers: within 20	-add/subtract with numbers: within 30
Illinking	pictures: within 5	-add/subtract sentences: within 20	-add/subtract sentences: within 30
	-add/subtract with	-addition/subtraction word problems	-addition/subtraction word problems
	objects: within 5	-use objects, TouchMath, mental images,	-use objects, TouchMath, mental images, drawings,
	-use objects,	drawings, sounds/acting, expressions, and	sounds/acting, expressions, and equations to represent
	TouchMath, mental	equations to represent addition and	addition and subtraction
	images, drawings,	subtraction	-decompose numbers less than or equal to 20 in more
	sounds/acting,	-decompose numbers less than or equal to 10	than one way (20=2+18 and 20=19+1)
	expressions, and	in more than one way (10=2+8 and 10=9+1)	-for any number from 1 to 19, find the number that makes
	equations to represent	-for any number from 1 to 9, find the number	20 when added
	addition and	that makes 10 when added	-adding/subtracting zero
	subtraction		-adding/subtracting sentences within 18 using a number
	-decompose numbers	Patterns	line
	less than or equal to 5	-similar patterns	-subtract one-digit numbers from two-digit numbers
	in more than one way	-ab, aabb, abb, abc patterns	-subtract/add by tens
	(5=2+3 and 5=4+1)		-adding three numbers
	-for any number from 1	Estimation / Probability	-adding one digit-number to two-digit numbers- with
	to 5, find the number	-determine fewer or more	regrouping
	that makes 5 when	-guessing jars	-add/subtract two digit numbers without carrying or
	added		borrowing
	Patterns		Patterns
	-similar patterns		-similar and growing patterns
	-ab, aabb,		-complete missing parts of patterns
	Estimation /		-ab, aabb, abc patterns
	Probability		, , , ,
	-determine fewer or		Estimation / Probability
	more		-more, less, and equally likely
			-certain, probable, unlikely, and impossible
			-mode and range



	Preschool: Puffins	Pre-K: Rockets	Kindergarten: Bears
Numbers & Operations in Base Ten	Positions -inside and outside -top, middle, bottom -above and below	Work with numbers 0-50 to gain foundation for place valuecompose and decompose numbers form 0-50 into tens and ones	Place value -place value models up to 100 -convert between tens and ones -write numbers as tens and ones
Fractions		Positions	Fractions
Vocabulary		-inside and outside -left and right -beside, adjacent -top, middle, bottom -above and below	-identify halves, thirds, fourths -equal parts -simple fractions: what fraction does the shape show? -simple fractions: which shape matches the fraction? -fraction models equivalent to whole numbers
		Fractions -equal parts -identify halves -use unifix cubes, rods and units, and an abacus to illustrate tens and ones	Vocabulary -sum and difference  Positions -inside and outside -left, middle, right -beside, between, adjacent -top, middle, bottom -above and below -locations in a three-by-three grid -North, South, East, West



	<b>Preschool: Puffins</b>	Pre-K: Rockets	Kindergarten: Bears
Measurement & Data	Preschool: Puffins  Describe and compare measurable attributescompare two objects -use manipulatives and objects (bears, pumpkins, apples) to measure and compare attributes  Sorting, ordering & classifying -same -different -classify by color  Time -days of the week -seasons of the year -months of the year	Describe and compare measurable attributes.  -describe attributes of objects (length, width, color, shape, size, etc.)  -compare two objects with a measurable attribute in common, to see which object has more of/less  -use manipulatives and objects (bears, pumpkins, apples) to measure and compare attributes  Sorting, ordering & classifying  -classify objects into categories  -same and different  -classify by color  Time  -days of the week  -seasons of the year  -months of the year  -identify the months that correlate with the seasons	Describe and compare measurable attributes.  -read a thermometer  -compare object: length and width  -measure using an inch ruler and measuring tape  -use manipulatives and objects (bears, pumpkins, apples) to measure and compare attributes  Sorting, ordering & classifying  -classify objects into categories  -same/different  -classify by color  -Venn diagrams  -Put numbers up to 100 in order  Time  -tell time in hour, half-hours, and nearest five minutes  -match clocks and times  -read and write times  -tell times of everyday events
		seasons -tell time in hours and half-hours -match clocks and times -read and write times -tell times of everyday events -match analog and digital clocks -seasons -A.M. and P.M.  Money -coin names and values: penny through quarter -count pennies, nickels, and dimes  Data & Graphs -picture graphs -bar graphs -use theme objects to create graphs	-tell times of everyday events -match analog and digital clocks -seasons -A.M. and P.Mchoose appropriate time unites  Money -names and values of all coins -count money with add-on counting -identify equivalent coins -compare two groups of coins -purchase: do you have enough? -least number of coins Data & Graphs -record data with tally charts, pictures, graphs, tables -interpret data in tally charts, pictures, graphs, tables -interpret bar graphs -which graph is correct?



	<b>Preschool: Puffins</b>	Pre-K: Rockets	Kindergarten: Bears
Geometry	Shapes	Shapes	Shapes
	-Identify circles,	-Identify two-dimensional shapes including	-Identify two-dimensional shapes
	squares, triangles,	hexagons, trapezoids, parallelograms, and	-Identify three-dimensional figures
	rectangles, ellipses,	rhombi	-describe the position of shapes using prepositions
	cubes, and pyramids	-Identify three-dimensional shapes: cubes,	-count the sides of shapes and vertices
		rectangular prism, sphere, pyramid, and	-demonstrates flip, turn, and slide
		ellipsoid	
		-describe the position of shapes using	Analyze Shapes
		prepositions	-Compare shapes by describing their similarities and
			differences (number of sides, vertices, etc.)
		Sizes	-Use pattern block and tangrams to compose simple
		-long and short	shapes to form larger shapes
		-tall and short	-Counts the sides and corners (vertices) of shapes
		-light and heavy	-Can determine if simple shapes and objects are
		-holds more or less	symmetrical
		-compare height, weight, and capacity	-compare edges, vertices, and faces
		-wide and narrow	-can reproduce complex shapes using smaller shapes
			(two trapezoids make a hexagon)



	Preschool: Puffins Pre-K: Rockets Kindergarten: Bears
Social and	Self Concept
<b>Emotional</b>	-is willing to try new things
	-willing to stay with a task for a meaningful amount of time
	-expresses confidence and pride in accomplishments
	-demonstrates independence in a range of activities, routines, and tasks -initiated play and work activities with others
	-expresses awareness of self in terms of specific characteristics and preferences
	-expresses awareness of sen in terms of specific characteristics and preferences
	Self Control
	-uses words to express feelings
	-manages feelings and is able to self calm
	-follows simple rules and participates in routines
	-successfully completes transitions
	-develops understanding of how his/her actions affect others
	-attempts to resolve conflicts by using a variety of strategies other than aggression
	Cooperation
	-interacts with others and actively participates by taking turns, sharing materials, and interacting positively
	-works in small and large group settings with adult support
	-enters a groups and plays cooperatively
	-accepts guidance and direction from adults in the environment
	-uses compromise and discussion while working, planning and playing
	Copiel Deletionshine
	Social Relationships -communicates with a range of familiar adults
	-initiates, engages, and sustains peer interactions
	-builds friendships with at least one other child
	-develops friendships with peers



	Preschool: Puffins	Pre-K: Rockets	Kindergarten: Bears
Science	Mater & The Physical World	Matter & The Physical World	Living & Non Living Things
	-reacts to various sensations	-explores a variety of materials to learn	-can identify non-living things
	such as extreme temperatures	about weight, size, texture, shape, color, and	-can identify living things
	or tastes	temperature	-can describe what living things need
	-explores environment	-uses a variety of tools and objects to	-can identify and describe observations
	-enjoys messy activities with	explore and discover the world and how	-can sort objects by what they are made of
	water and food	things work in the world	-can describe objects by their characteristics
	-uses tools to reach items out	-makes observations and predictions, and	-can sort objects by their characteristics
	of reach	tries things out to discover what will happen	-can use sense to make observations
	-uses tools to obtain results	-experiments with the effects of personal	
	(dig, cut, etc)	actions on objects	Plants & Animals
		-identifies and discusses changes that occur	-can identify some ways animals are alike and different
	Force, Movement & Energy	in nature and manmade materials over time	-can identify some ways plants are alike and different
	-repeats action to produce		-can match young animals with their parents
	desired effect	Force, Movement, & Energy	-can describe ways baby animals change as they grow
	-repeats activity that produces	-show curiosity and inquiry through play	-can tell how plants change as they grow
	an interesting result	-explores objects and materials and their	-can identify some plants and animals that live on land
	-plays with a variety of toys to	impact on one another	-can identify some plants and animals that live in water
	produce effects	-observes and explores different ways	
	-throws or drops objects to see	objects and materials move and change	Earth Science
	the effects		-can record the temperature of soil, air, and water in
		Investigations	different areas
	Investigations	-shows curiosity through exploration of	-can identify objects seen in the sky during the day and
	-uses senses for sensory	objects and materials	night
	exploration	-begins to ask scientific questions and use	-can describe the position of objects seen in the sky
	-uses adults to solve problems	observations in making predictions and	
	-solves simple problems	formulating theories about how things work	
	through repeatedly trying	-uses appropriate materials for problem-	
	different solutions	solving and exploration of the physical	
	-asks questions related to	world	
	events in the environment	-explores possible answers to simple science	
		based questions through investigations	



#### **Data & Results**

- -sorts objects into categories -describes objects in the environment using simple properties
- -records events through story telling

### **Organisms**

- -inspects surroundings
- -explores features
- -responds differently to adults and children
- -matches sounds to animals
- -identifies many animals in pictures
- -identifies the difference between living and non-living organisms

# Diversity, Interdependence & Earth

- -role plays affections and care with dolls or stuffed animals -shows understanding of the needs of animals at home and in the environment
- -attempts to comfort other in distress
- -understand the impact of actions

#### **Data & Results**

- -collects, describes, and records information through a variety of means: including discussion, drawing, graphing, tallying, photographing, and writing
- -shows ability to predict and explain results of a simple investigation
- -describe patterns and relationships, and discuses things that are alike/different
   -shows ability to measure time, length, distance, and weight

# **Organisms**

- -notices similarities, difference, and categories of plans and animals-describes similar characteristics of living things
- -has an understanding of family
  -shows growing understanding of and
  respect for living things in the environment

# Diversity, Interdependence & Earth

- -recognizes and respects that living things have unique needs such as food and water -demonstrates understanding that living things grow and change over time
- -recognizes differences in non-living earth materials
- -develops awareness and beginning understanding of changes in the weather and seasons
- -observes the characteristics and movement of the sun, moon, stars, and clouds

## **Physical Science**

- -can describe where an object is located using position words
- -can identify how a push or pull makes objects move
- -can compare objects that move on their own and objects that cannot move
- -can compare objects by how fast they move
- -can use materials and simple tools to build structures
- -can create a structure to solve a problem
- -can describe the parts of a whole object
- -can use parts to build a structure
- -can take apart a structure to show each part



	Preschool: Puffins	Pre-K: Rockets	Kindergarten: Bears
Social Science	History -recognizes cues -participates in rituals and routines -repeats actions or activities that produce a desired results  Geography, Environment, & Surrounding -responds to signals -uses adults to help solve problems -responds to simple rules  Economics and Economic Concepts -exchanges toys with other children  Civics & Government -participates in social games and shows affections to family -recognizes possessions of self and family -tries to help by anticipating what is needed	History -recognizes the beginning and end of an event -recalls information about immediate past -explores and is curious about changes over time -demonstrates ability to put events in correct sequence -experiments with general terms related to properties of time -makes predictions about what might happen  Geography, Environment, & Surrounding -describes characteristics of the physical environment -identifies different environments by the people or signs that are part of that environment -shows interest in using real tools for locating places  Economics and Economic Concepts -uses objects to buy, barter, or trade. Uses play money to buy objects -understands and recognizes the use of money as an exchange for goods and services	History -recognizes the beginning and end of an event -recalls information about immediate past -explores and is curious about changes over time -demonstrates ability to put events in correct sequence -makes predictions about what might happen -can tell what is the same and what is different between to things -can use a Venn diagram to compare and contrast two things -can use temporal words to tell how things change over time -can tell why things happen  Geography, Environment, & Surrounding -describes characteristics of the physical environment -identifies different environments by the people or signs that are part of that environment -shows interest in using real tools for locating places -knows parent names and phone numbers  Economics and Economic Concepts -uses objects to buy, barter, or trade. Uses play money to buy objects -understands and recognizes the use of money as an exchange for goods and services



Civics & Government -understands different places have different rules -understand basic rules and understands consequences for actions -demonstrates independence, follows routines with little supervision -identifies and recognizes gender of persons within their family, classroom, and in books -describes self and compares similarities with others -recognizes and identifies differences in personal characteristics and family make-up -demonstrates growing awareness that people of the world differ in language, dress, food, and where they live -describe different people have different responsibilities and jobs in the community -identifies self as a member of a group outside of the family  Family Roles & Relationships -Understands concepts of voting and making choices -demonstrates ability to create rules in play -uses knowledge of immediate surroundings to make sense of his/her family's	Civics & Government -understands different places have different rules -understand basic rules and understands consequences for actions -demonstrates independence, follows routines with little supervision -identifies and recognizes gender of persons within their family, classroom, and in books -describes self and compares similarities with others -recognizes and identifies differences in personal characteristics and family make-up -demonstrates growing awareness that people of the world differ in language, dress, food, and where they live -describe different people have different responsibilities and jobs in the community -identifies self as a member of a group outside of the family  Family Roles & Relationships -Understands concepts of voting and making choices -demonstrates ability to create rules in play -uses knowledge of immediate surroundings to make sense of his/her family's connections to the community and world
-Understands concepts of voting and making choices -demonstrates ability to create rules in play -uses knowledge of immediate surroundings	-uses knowledge of immediate surroundings to make sense of his/her family's connections to the community



	Preschool: Puffins	Pre-K: Rockets	Kindergarten: Bears
The Arts	Preschool: Puffins  Music -participates in singing and dancing -experiments with a variety of musical instruments that are age and size appropriate -knows words of familiar songs, sings or hums them -makes up songs during play -reacts to musical experience through self-expression  Visual Arts -uses materials in a variety of ways in creating expression -makes drawings, paintings, models and other artistic expressions that are creative or realistic representations of people, animals, or things in the environment -observes and makes comparisons about artistic products produced but others  Movement -responds to musical tempo with a variety of movements -performs simple pattern dances or movements in time to different beats and rhythms	Pre-K: Rockets  Music -participates in singing and dancing -experiments with a variety of musical instruments that are age and size appropriate -explores tempo and dynamics using musical instruments and props -knows words of familiar songs, sings or hums them -makes up songs during play -reacts to musical experience through self- expression  Visual Arts -uses materials in a variety of ways in creating expression -makes drawings, paintings, models and other artistic expressions that are creative or realistic representations of people, animals, or things in the environment -observes and makes comparisons about artistic products produced but others  Movement -responds to musical tempo with a variety of movements -performs simple pattern dances or movements in time to different beats and rhythms in music -expresses through movement and dancing	Music - participates in singing alone and with others - learns appropriate techniques for playing a variety of age appropriate instruments - explores tempo and dynamics and demonstrates appropriate vocabulary improvises melodies while singing and playing various instruments reacts to musical experiences and uses music to express feelings creates and reads rhythmic patterns using written notation understands the relationship of music history and its relevance to music today understands the relationship of music in various culture and can speak about differences in musical styles.  Movement - responds to musical tempo with a variety of movements and verbalized choices performs simple pattern dances or movements in time to different beats and rhythms in music - recalls and performs multi step dances uses dance and movement when acting out a role understands the relationship of music through various cultures and performs traditional dance steps from multiple cultures uses props to demonstrate movement and dance through external objects





-expresses through movement and dancing	
Dramatic Play -talks to and plays with pretend friends, stuffed animals, puppets, and other toys -engages in a variety of role play activities -represents real and/or familiar experiences through dramatic play -acts out parts of a story or movie -uses words, actions, and materials to portray a role or assume a character -plans a theme or plot and interacts with other characters	



	Preschool: Puffins Pre-K: Rockets	Kindergarten: Bears
Physical	Fine Motor	Health
Education	-can use all fingers correctly when doing finger plays	-can identify changes to the body after exercise
& Health	-colors carefully within the lines	-can identify benefits of being physically active
& Health	-changes colors for different objects	-can recognize that food provides energy for physical
	-can do a running stitch with lacing cards	activity
	-develops strength, dexterity, and control needed to master use of	
	crayons, brushes, scissors, and paper punch	Fine Motor
	-develops in eye-hand coordination	-colors carefully within the lines
		-develops strength, dexterity, and control needed to master
	Gross Motor	use of crayons, brushes, scissors, and paper punch
	-engages in complete movements such as climbing and walking up and down stairs	d -develops in eye-hand coordination
	-demonstrates control and balance by: marching, hopping, running,	Gross Motor
	jumping, pulling toys, pushing, etc.	-engages in complete movements such as climbing and
	-demonstrates coordinated movements such as throwing balls	walking up and down stairs
	-uses indoor and outdoor equipment	-demonstrates control and balance by: marching, hopping,
	-hops on one foot without touching second foot to the ground for 20 fe	
	-slides sideways, gallops, skips, and crosses the midline	-demonstrates coordinated movements such as throwing
	-walks across a beam	balls
	-can do a forward and backward roll	-uses indoor and outdoor equipment
	-can balance on one foot	-hops on one foot without touching second foot to the
		ground for 20 feet
	Health Practices	-slides sideways, gallops, skips, and crosses the midline
	-follows school rules	-walks across a beam
	-recognizes common signs for poison, danger, or warning	-can do a forward and backward roll
	-demonstrates growing independence in hygiene and personal care su	ch -can balance on one foot
	as hand washing	TT Toll To 11
	-demonstrates healthy eating behaviors	Health Practices
		-follows school rules
		-recognizes common signs for poison, danger, or warning
		-demonstrates growing independence in -demonstrates healthy eating behaviors
		-demonstrates nearting eating demaylors



