

Curriculum Map: ICN FTS Kindergarten MATH

LINEAR COUNTING AND NUMERATION <ul style="list-style-type: none">• Sequential counting, 1 to 100 by 1s, 10s, 5s• Concept that quantity increases as you count forward• Odd and even• Ten frames to 20 (and above)• Tally marks to 20 (and above)• 100 chart• Number line• Greater than, less than• before and after	BASE 10 CONCEPTS <ul style="list-style-type: none">• Place value: ones, tens, hundreds, thousands• Visualizing the quantity associated with a number from 1 through 1000• Building numbers using base ten blocks• Exchanging ones for tens; tens for 100s; 100s for thousands• Teen numbers as ten and an addition of 1 through 9	OPERATIONS AND ALGEBRAIC THINKING <ul style="list-style-type: none">• Definition of an operation• Simple addition and subtraction from 0 – 12• Addition, Subtraction using variety of tools: pictures, concrete objects, ten frames, tally marks, base ten blocks, number line, 100 chart• Addition, Subtraction story problems for critical thinking• Intro to Multiplication as adding the same number many times
GEOMETRY <ul style="list-style-type: none">• 10 basic shapes and solids and their attributes• Distinguish between flat shape and solid shape• Point, line, line segment• Acute angle, obtuse angle, right angle• Symmetry• Physical movement of a shape across a surface	ATTRIBUTES AND MEASURING <ul style="list-style-type: none">• Definition of attributes• Sorting a group of objects by multiple attributes• Venn Diagrams• Measuring Length• Measuring Area• Measuring Weight	

Curriculum Map: ICN FTS Kindergarten LANGUAGE

<p>PHONETIC AWARENESS</p> <ul style="list-style-type: none"> • Sounds of all consonants • Short and Long vowel sounds • Phonograms: <ul style="list-style-type: none"> ○ a_e; ee; i_e; o_e; u_e; ea; oa; ight; ai; sh, ch, th, dr, st, sk • Beginning, middle, ending sound in CVC words • Segmenting and blending words into sounds; segmenting and blending words into Syllables • Rhyming words, recognize and produce • Reading with expression 	<p>SIGHT WORDS</p> <ul style="list-style-type: none"> • Dolch Sight Words, KG <table border="1" data-bbox="680 250 1173 954"> <tr><td>all</td><td>am</td><td>are</td><td>at</td></tr> <tr><td>ate</td><td>be</td><td>black</td><td>brown</td></tr> <tr><td>but</td><td>came</td><td>did</td><td>do</td></tr> <tr><td>eat</td><td>four</td><td>get</td><td>good</td></tr> <tr><td>have</td><td>he</td><td>into</td><td>like</td></tr> <tr><td>must</td><td>new</td><td>no</td><td>now</td></tr> <tr><td>on</td><td>our</td><td>out</td><td>please</td></tr> <tr><td>pretty</td><td>ran</td><td>ride</td><td>saw</td></tr> <tr><td>say</td><td>she</td><td>so</td><td>soon</td></tr> <tr><td>that</td><td>there</td><td>they</td><td>this</td></tr> <tr><td>too</td><td>under</td><td>want</td><td>was</td></tr> <tr><td>well</td><td>went</td><td>what</td><td>white</td></tr> <tr><td>who</td><td>will</td><td>with</td><td>yes</td></tr> </table>	all	am	are	at	ate	be	black	brown	but	came	did	do	eat	four	get	good	have	he	into	like	must	new	no	now	on	our	out	please	pretty	ran	ride	saw	say	she	so	soon	that	there	they	this	too	under	want	was	well	went	what	white	who	will	with	yes	<p>PRINT CONCEPTS</p> <ul style="list-style-type: none"> • Following text from left to right • Spaces between words • Recognize punctuation as end of sentence and purpose of punctuation (. ? !) • Text features (bold print, italics, table of contents)
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ate	be	black	brown																																																			
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eat	four	get	good																																																			
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who	will	with	yes																																																			
<p>LITERACY SKILLS</p> <ul style="list-style-type: none"> • Comprehension (summarize text in your own words, story elements [characters, setting, plot, theme], main idea and supporting details, prediction, cause and effect • Read with Accuracy (using picture clues and drawing inferences); • Read with fluency and expression • Learn and use new vocabulary words • Using different words to describe different types of verbs, e.g. walk march, strut, amble 	<p>WRITING</p> <ul style="list-style-type: none"> • handwriting: all lower case letters, D'nealian font • Write words using newly acquired knowledge on phonics, and invented spelling • Writing sentences (up to at least 3) • Words are separated by spaces • Purpose of (.) (?) and (!) • Personal Narratives (at least 3 sentences) • Opinion (e.g. about a book, or a subject of interest) 	<p>OTHER</p> <ul style="list-style-type: none"> • Opposites • Compound words • Fact vs. Opinion 																																																				

Curriculum Map: ICN FTS Kindergarten SCIENCE, SOCIAL STUDIES

<p>LIVING, NONLIVING</p> <ul style="list-style-type: none"> • Traits of living things • Life cycles • Basic food chain • Life forms are interdependent • Plant vs. Animal 	<p>ANIMAL CLASSIFICATION</p> <ul style="list-style-type: none"> • Vertebrate vs. invertebrates • Distinguishing features of animal classes: <ul style="list-style-type: none"> ○ mammals, reptiles, birds, fish, amphibians, insects 	<p>LAND, AIR, WATER</p> <ul style="list-style-type: none"> • Distinguish between land and water on earth: Oceans, rivers, lakes, plains, hills, plateaus, mountains • Layers of the earth; layers of the ocean; layers of the atmosphere • Land, air, and water transportation • Land, air, water as resources for life; conservation of resources and environmental protection
<p>SIMPLE MACHINES</p> <ul style="list-style-type: none"> • Lever, inclined plain, wheel and axle, pulley, screw (as a inclined plain wrapped around) • Experimenting with movement 	<p>STATES OF MATTER</p> <ul style="list-style-type: none"> • Properties of solids, liquids, and gasses • Experiment with matter 	<p>MAGNETISM</p> <ul style="list-style-type: none"> • Definition of magnetism • Properties of a magnet • Experiment with magnetism
<p>MOVEMENTS OF EARTH AND SUN</p> <ul style="list-style-type: none"> • Seasons • Day and Night • Months / moon phases 	<p>GEOGRAPHY AND CULTURE</p> <ul style="list-style-type: none"> • 7 Continents and 5 Oceans • North, South, East, West • Studies of some continents, including geographic features, some countries and flags, famous places, and cultural elements 	<p>HEALTH AND NUTRITION</p> <ul style="list-style-type: none"> • Basic body systems: digestive, circulatory, nervous • Food groups and healthy eating choices
<p>SCIENCE AND SPIRITUALITY</p> <ul style="list-style-type: none"> • Needs vs. Wants • The earth, and all its features, natural resources, forces of nature and movements of the cosmos have been designed by Allah to sustain, maintain, and beautify life for the children of Adam, as a favor and as a test. 	<p>HISTORY</p> <ul style="list-style-type: none"> • Significance of some national and Islamic holidays with regard to the achievements of people and / or historical and timeless importance as assigned by Allah 	