Classrooms alive™ Zoo Keeper 8.0 Alignment to Preschool/Transtional Kindergarten Learning Foundations

Domain	Strand	Foundation	Classrooms alive™ Zoo Keeper 8.0					
			Letters alive®	Math alive®	Interactive Stories	(PK) My Letters alive® Journals	(PK) My Math alive® Journals	Rugs alive™
Approaches to Learning	**Strand 1.0: Motivation to Learn**							
	Sub-Strand **Curiosity and Interest**	1.1 Curiosity and Interest	☑	☑	☑	☑	☑	☑
	Sub-Strand **Initiative**	1.2 Initiative	☑	☑	☑	☑	☑	☑
	Sub-Strand **Engagement**	1.3 Engagement	☑	☑	☑	☑	☑	☑
	Sub-Strand **Perseverence**	1.4 Persisting Despite Difficulties	☑	☑	☑	☑	☑	☑
	Strand 2.0: Executive Functioning							
	Sub-Strand **Working Memory**	2.1 Working Memory	☑	☑	☑	☑	☑	☑
	Sub-Strand **Inhibitory Control**	2.2 Managing Impulsive Behaviors	☑	☑	☑	☑	☑	☑
		2.3 Managing Attention and Distractions	☑	☑	☑	☑	☑	☑
	Sub-Strand **Flexibility**	2.4 Flexibility	☑	☑	☑	☑	☑	☑
	Strand 3.0: Goal-Directed Learning							
	Sub-Strand **Problem Solving**	3.1 Planning	☑	☑				
		3.2 Reflecting and Analyzing	☑	☑	☑	☑	☑	☑
	Sub Strand **Collaborative Effort**	3.3 Problem Solving Together	☑	☑	☑	☑	☑	☑
		3.4 Understanding Others	☑	☑	☑	☑	☑	☑
Social and Emotional Development	**Strand 1.0: Self**							
	Sub-Strand **Self Awareness**	1.1 Self Identity	☑		☑			
		1.2 Confidence in Abilities	☑	☑	☑	☑	☑	☑
	Sub-Strand **Emotional Knowledge**	1.3 Understanding Emotions in Self and Others	☑	☑	☑	☑	☑	☑
	Sub-Strand **Regulating Emotions and Behaviors**	1.4 Regulating Emotions, Behaviors, and Stress	☑	☑	☑	☑	☑	☑
		1.5 Managing Routines and Transitions	☑	☑	☑	☑	☑	☑
	Sub-Strand **Social Awareness**	1.6 Awareness of Similarities and Differences Across People	☑					
		1.7 Understanding other People's Thought, Behaviors, and Experiences	☑	☑	☑	☑	☑	☑
		1.8 Empathy and Caring	☑		☑			
	Strand 2.0: Interactions and Relationships with Adults							
	Sub-Strand **Interactions with Adults**	2.1 Reciprocal Interactions with Adults	☑	☑		☑	☑	☑
	Sub-Strand **Attachment**	2.2 Seeking Security and Support						
		2.3 Coping with Departures						
	Sub-Strand **Relationships with Adults**	2.4 Relationships with Adults	☑	☑	☑	☑	☑	☑
	Strand 3: Interactions and Relationships with Peers							
	Sub-Strand **Interactions with Peers**	3.1 Interacting and cooperating with Peers	☑	☑	☑	☑	☑	☑
		3.2 Conflict Resolution with Peers	☑	☑	☑	☑	☑	☑
	Sub-Strand **Equitable Social Interactions**	3.3 Fairness and Respect	☑	☑	☑	☑	☑	☑
	Sub-Strand **Relationships with Peers**	3.4 Developing Friendships	☑	☑	☑	☑	☑	☑

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Foundational Language Develpment	**Strand 1.0: Listening and Speaking**							
	Sub-Strand **Vocabulary**	1.1 Understanding and Using Vocabulary	☑	☑	☑	☑	☑	☑
		1.2 Understanidng and using Words for Categories	☑	☑	☑		☑	☑
		1.3 Understanding and Using Size and Location Words	☑	☑	☑		☑	☑
	Sub_Strand **Grammar**	1.4 Using Grammatical Features and Sentence Structure	☑	☑	☑			☑
		1.5 Asking Questions	☑	☑	☑			☑
		1.6 Constructing Narratives				☑	☑	
		1.7 Sharing Explanation and Opinions	☑	☑	☑			☑
		1.8 Participating in Conversations	☑	☑	☑	☑	☑	☑
	Strand 2.0: Foundational Literacy Skills							
	Sub-Strand Phonolgical Awareness	2.1 Isolating Initial Sounds	☑			☑		
		2.2 Recognizing and Blending Sounds	☑					
		2.3 Participating in Rhyming and Wordplay	☑					
	Sub-Strand Alphabetics and Print	2.4 Identifying Letters	☑			☑		☑
		2.5 Learning Letter-Sound Correspondence	☑			☑		☑
	Sub-Strand Concepts About Print	2.6 Understanding the Concept of Print	☑		☑	☑	☑	☑
		2.7 Understanding Print Conventions	☑		☑	☑	☑	☑
	Strand 3.0: Reading							
	Sub-Strand Literacy Interest in Literacy Activities	3.1 Demonstrating Interest in Literacy Activities	☑	☑	☑			
	Sub-Strand Comprehension and Analysis of Age-Appropriate Text	3.2 Understanding Stories	☑	☑	☑			
		3.3 Understanding Informational Text	☑					☑
	Strand 4.0: Writing							
	Sub-Strand Writing Skills	4.1 Developing Fine Motor Skills in Writing	☑			☑		
	Sub-Strand Writing as Communication	4.2 Writing to Represent Sounds	☑			☑		
		4.3 Dictating Thoughts and Ideas to Be Conveyed in Writing	☑			☑		
		4.4 Writing to Represent Words or Ideas	☑			☑		
		4.5 Writing Own Name	☑			☑		

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English Language Developement	**Strand 1.0: Listening and Speaking**							
	Sub-Strand Vocabulary	1.1 Understanding Words	✓	✓	✓	✓	✓	✓
		1.2 Using Words	✓	✓	✓			✓
	Sub-Strand Grammar	1.3 Using Grammatical Features	✓	✓	✓			✓
		1.4 Using Complex Sentence Structures	✓	✓	✓			✓
	Sub-Strand Language Use	1.5 Communicating Needs	✓	✓	✓			✓
		1.6 Understanding Requests and Directions	✓	✓	✓	✓	✓	✓
		1.7 Asking Questions	✓	✓	✓			✓
		1.8 Constructing Narratives				✓	✓	✓
		1.9 Sharing Explanations and Opinions	✓	✓	✓	✓	✓	✓
		1.10 Participating in Conversations	✓	✓	✓	✓	✓	✓
	Strand 2.0: Foundational Literacy Skills							
	Sub-Strand Phonological Awareness	2.1 Recognizing and Segmenting Sounds	✓					
		2.2 Recognizing and Blending Sounds	✓					
		2.3 Pariticpating in Rhyming and Wordplay	✓					
	Sub-Strand Alphabetics and Print	2.4 Recognizing and Identifying Letters	✓			✓		✓
		2.5 Learning Letter-Sound Correspondence	✓			✓		✓
	Sub-Strand Concepts About Print	2.6 Understanding the Concepts of Print	✓	✓	✓	✓		
		2.7 Understanding Print Conventions	✓	✓	✓	✓	✓	
	Strand 3.0: Reading							
	Sub-Strand Literacy Interest and Response	3.1 Demonstrating Interest in Literacy Activities	✓	✓	✓			
		3.2 Participating in Read-Aloud Activities	✓	✓	✓			
	Sub-Strand Comprehension and Analysis of Age-Appropriate Text	3.3 Understanding Stories	✓	✓	✓			
		3.4 Understanding Informational Text	✓					✓
	Strand 4.0: Writing							
	Sub-Strand Writing as Communication	4.1 Writing to Represent Words or Ideas	✓		✓			
		4.2 Writing Own Name	✓		✓	✓	✓	

Classrooms alive™ Zoo Keeper 8.0 Alignment to Preschool/Transtional Kindergarten Learning Foundations

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Mathematics	**Strand 1.0: Counting and Cardinality**							
	Sub-Strand Counting Principles	1.1 Reciting Numbers		✅	✅		✅	
		1.2 One-to-One Corresponndence		✅	✅		✅	
		1.3 Cardinality		✅	✅		✅	
	Sub-Strand Recognizing Quantities	1.4 Subitize		✅			✅	
	Sub-Strand Numeral Recognition	1.5 Numeral Recognition		✅			✅	
	Sub-Strand Number Relationships	1.6 Number Comparison		✅				
	Strand 2.0: Operations and Algebraic Thinking							
	Sub-Strand Number Operations	2.1 Principals of Addition and Subtraction		✅	✅			
		2.2 Number Composition and Decomposition		✅	✅			
		2.3 Solving Addition and Subtractions Problems		✅	✅			
		2.4 Sharing Objects						
	Sub-Strand Classifying and Patterning	2.5 Sorting and Classifying		✅	✅		✅	
		2.6 Recognizing, Duplicating, and Extending Patterns		✅				
		2.7 Creating Patterns		✅				
	Strand 3.0: Measurement and Data							
	Sub-Strand Comparing and Ordering Objects	3.1 Comparing Measurable Attribute of Objects		✅			✅	
		3.2 Ordering Objects		✅				
		3.3 Measuring Length		✅				
	Sub-Strand Data	3.4 Representing Data		✅				✅
		3.5 Interpreting Data		✅				✅
	Strand 4.0: Geometry and Spatial Thinking							
	Sub-Strand Shapes	4.1 Identifying Two-Dimenstional Shapes		✅			✅	
		4.2 Identifying Three-Dimenstional Shapes		✅				
		4.3 Comparing Two-Dimenstional Shapes		✅				
		4.4 Composing Shapes		✅			✅	
	Sub-Strand Spatial Thinking	4.5 Positions and Directions in Space		✅	✅		✅	
		4.6 Mental Rotation		✅			✅	

Classrooms alive™ Zoo Keeper 8.0 Alignment to Preschool/Transtional Kindergarten Learning Foundations

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Science	**Strand 1.0: Science and Engineering Practices**							
	Sub-Strand Observation and Investigation	1.1 Making Observations	☑	☑				☑
		1.2 Comparing and Contrasting	☑	☑				☑
		1.3 Asking Questions	☑	☑				☑
		1.4 Defining Problems	☑	☑				
		1.5 Making Predictions	☑	☑				
		1.6 Planning and Carrying Out Investigations	☑	☑				
		1.7 Using Tools	☑	☑				
	Sub-Strand Documentation, Analysis, and Communication	1.8 Documenting Observations and Using Models	☑	☑				☑
		1.9 Mathematical Thinking and Analyzing Data	☑	☑				☑
		1.10 Formulating and Communicating Explanations and Solutions	☑	☑				☑
	Strand 2.0: Physical Science							
	Sub-Strand Properties and Characteristics of Nonliving Objects and Materials	2.1 Characteristics of Objects and Materials	☑					
		2.2 Light and Sound Waves						
	Sub-Strand Changes in Nonliving Objects and Materials	2.3 Exploring Changes in Objects and Materials						
		2.4 Force and Motion						
		2.5 Energy						
	Strand 3.0: Life Science							
	Sub-Strand properties and Characteristics of Living Things	3.1 Characteristics of Living Things	☑		☑			☑
		3.2 Bodily Processes	☑		☑			
		3.3 Living and Nonliving Things						
		3.4 Heredity and Traits	☑					
		3.5 Habitats	☑	☑	☑			☑
	Sub-Strand Changes in Living Things	3.6 Growth, Change, and the Life Cycle of Living Things	☑					
		3.7 Needs of Living Things	☑					
	Strand 4.0: Earth and Space Science							
	Sub-Strand Properties and Characteristics of Earth Materials and Objects	4.1 Characteristics of Earth Materials						
	Sub-Strand Changes in the Earth and Space	4.2 Natural Objects in the Sky						
		4.3 Weather		☑				
		4.4 Earth and Human Activity	☑					

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	Strand 5.0: Engineering, Technology, and Applications of Science							
	Sub-Strand Engineering Design	5.1 Engineering Design Process	☑					
	Sub-Strand Engineering Design and Society	5.2 Design Solutions and Society	☑					
		5.3 Using Digital Devices	☑	☑	☑	☑	☑	☑

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Physical Development	**Strand 1.0: Fundamental Movement Skills**							
	Sub-Strand Balance	1.1 Balance	☑					
		1.2 Balancing in Motion	☑					
	Sub-Strand Locomotor Skills	1.3 Walking with Balance	☑					
		1.4 Running	☑					
		1.5 Jumping	☑					
		1.6 Varied Locomotor Skills	☑					
	Sub-Strand Manipulative Skills	1.7 Gross Motor Manipulative Skills	☑					
		1.8 Fine Motor Manipulative Skills	☑	☑		☑	☑	☑
		1.9 Hand Preference	☑	☑		☑	☑	
	Strand 2.0: Perceptual-Motor Skills and Movement Concepts							
	Sub-Strand Body Awareness	2.1 Knowledge of Body Parts	☑					
		2.2 Spacial Awareness	☑					☑
		2.3 Directional Awareness				☑		☑
		2.4 Directional Movement				☑		☑
		2.5 Object Locations				☑	☑	☑
	Strand 3.0: Active Physical Play							
	Sub-Strand Active Participation	3.1 Physical Activity						
	Sub-Strand Cardiovascular Endurance	3.2 Cardiovascular Endurance						
	Sub-Strand Muscular Strength, Muscular Endurance, and Flexibility	3.3 Strength, Endurance, and Flexibility						

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Health	**Strand 1.0: Understanding Health and Wellness**							
	Sub-Strand Body and Health Awareness	1.1 Identifying and Naming Body Parts						
		1.2 Communicating About Health Needs						
		1.3 Understanding the Role of Health Care Providers						
	Sub-Strand Body and Safety Boundaries	1.4 Recognizing and Communicating About Body Boundaries						
	Sub-Strand Nutrition	1.5 Identifying Foods	☑					
		1.6 Communicating Fullness and Hunger						
		1.7 Understanding a Variety of Foods	☑					
	Sub-Strand Physical Activity	1.8 Recognizing the Body's Response to Physical Activity						
	Sub-Strand Sleep	1.9 Recognizing and Indicating When Tired						
	Strand 2.0: Health and Safety Habits							
	Sub-Strand Basic Hygiene	2.1 Handwashing	☑					
		2.2 Preventing Infectious Diseases	☑					
	Sub-Strand Oral Health	2.3 Toothbrushing						
	Sub-Strand Sun Safety	2.4 Practicing Sun Safety						
	Sub-Strand Injury Prevention	2.5 Following Safety Rules						
		2.6 Following Emergency Routines						
		2.7 Following Transportation and Pedestrian Safety Rules						

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History - Social Science	**Strand 1.0: Social Inquiry Skills**							
	Sub-Strand Asking Questions and Using Evidence	1.1 Making Observations and Asking Questions						
		1.2 Gathing Evidence						
	Sub-Strand Communicating Ideas About the Social World	1.3 Creating Representations						
	Strand 2.0: Self and Social Systems							
	Sub-Strand Self Identity and Society	2.1 Self-Identity	☑					
		2.2 Membership in Communities						
		2.3 Awareness of Social Roles						
	Sub-Strand Culture, Difference, and Diversity	2.4 Exploring Cultural Communities						
		2.5 Exploring Similarities and Differences	☑					
	Strand 3.0: Skills for Democracy and Being a Community Member (Civics)							
	Sub-Strand Fairness and Respect for Other People	3.1 Identifying and Including Members of Peer Groups	☑					
		3.2 Showing Care and Offering to Help	☑					
		3.3 Understanding Different Needs and Fairness	☑					
	Sub-Strand Community Norms and Practices	3.4 Contributing to the Group	☑					
		3.5 Following Community Rules and Norms	☑					
	Sub-Strand Collaborative Problem Solving	3.6 Group Decision-Making	☑					
		3.7 Collective Problem Solving	☑					
		Developing Solutions and Taking Action	☑					
	Strand 4.0: Time, Continuity, and Change							
	Sub-Strand Understanding of Time	4.1 Using Time Order Words	☑	☑	☑			
	Sub-Strand Personal History	4.2 Describing Change Over Time						
	Sub-Strand Historical Changes in People and the World	4.3 Recalling Past Events	☑	☑	☑			
	Strand 5.0: Sense of Place and Environment							
	Sub-Strand Navigating Familiar Locations	5.1 Identifying Charactaristics of Locations	☑					☑
		5.2 Communicating Locations and Directions	☑					☑
	Sub-Strand Presentations of Physical Space	5.3 Understanding Physical Space Through Drawings, Building Materials, and Maps	☑					☑
	Sub-Strand Caring for the Natural and Built World	5.4 Caring for the World	☑					
	Strand 6.0: Economic Systems							
	Sub-Strand Community Needs	6.1 Meeting Community Needs						
		6.2 Awareness of People at Work						
	Sub-Strand Exchange	6.3 Understading Exchange						

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Visual and Performing Arts	**Strand 1.0: Visual Arts**							
	Sub-Strand Notice, Respond to, or Engage in Visual Art	1.1 Attending to and Engaging in Visual Arts	☑					
		1.2 Communicating About Art Forms and Elements	☑					
	Sub-Strand Develop Skills in Visual Art	1.3 Drawing or Painting Lines and Curves	☑					
		1.4 Working with Dough or Clay						
		1.5 Using Visual Arts Materials	☑					
		1.6 Communicating Visual Arts Terms						
		1.7 Demonstrating Motor Control	☑					
		1.8 Mixing and Blending Colors						
	Sub-Strand Create, Invent, or Express Through Visual Art	1.9 Creating Two-Dimensional and Three-Dimensional Representations	☑					
		1.10 Intensity and Mood						
	Strand 2.0: Music							
	Sub-Strand Notice, Respond to, or Engage in Music	2.1 Attending to and Engaging in Music						
		2.2 Responding to Music with Body Movements	☑	☑				
	Sub-Strand Develop Skills in Music	2.3 Recognizing Sounds and Vibrations						
		2.4 Exploring Vocal Expression and Instruments						
		2.5 Exploring Beat and Rhythmic Awareness						
		2.6 Communicating Music Terms						
	Sub-Strand Create, Invent, or Express Through Music	2.7 Producing or Improvising Melodies and Rhythms						
	Strand 3.0: Drama							
	Sub-Strand Notice, Respond to, or Engage in Drama	3.1 Engaging in Drama	☑					
		3.2 Understanding Plot	☑					
	Sub-Strand Develop Skills in Drama	3.3 Showing Emotions	☑					
		3.4 Acting Out Prompts or Scripts	☑					
		3.5 Engaging in Role-Play	☑					
		3.6 Vocal Projection	☑					
		3.7 Communicating Drama Terms						
	Sub-Strand Create, Invent, or Express Through Drama	3.8 Using Props or Costumes						
		3.9 Creating Scripts	☑					

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	Strand 4.0: Dance							
	Sub-Strand Notice, Respond to, or Engage in Dance	4.1 Attending to and Engaging in Dance	☑	☑				
	Sub-Strand Develop Skills in Dance	4.2 Spatial Awareness and Coordination	☑	☑				
		4.3 Responding to Tempo	☑	☑				
		4.4 Learning Basic Dance Skills						
		4.5 Communicating Dance Terms						
	Sub-Strand Create, Invent, or Express Through Dance	4.6 Representation Through Dance		☑				
		4.7 Inventing and Improvising Dance						
		4.8 Communicating Feelings Through Dance						