

Elementary Integrated Curriculum – Kindergarten – What should students know and be able to do?

Art	<p>Transform ideas into visual compositions. Identify, select, and organize the elements of art and principles of design to create visual compositions. Generate a variety of responses to artwork using the elements of art and principles of design. Create artwork using appropriate processes and materials.</p>
General Music	<p>Perform alone and in an ensemble: explore steady beat and rhythm patterns, and demonstrate and describe different ways to use the voice. Represent musical ideas with pictures. Identify musical contrasts and repeating sections. Perform movements to demonstrate different meters and singing games.</p>
Health Education	<p>Identify and describe strategies to promote lifelong wellness. Identify and describe strategies to stay safe.</p>
Information Literacy	<p>Demonstrate willingness to accept uncertainty by sharing ideas, asking, and answering questions in an ethical manner to guide personal or content information need. Identify and describe attributes of fiction and nonfiction resources and/or sources to select best match for personal or content information need. Sort and classify recorded information to create a product responding to personal or content information need. Generate ideas about relationships within fiction and nonfiction literature and real life.</p>
Mathematics	<p>Represent, order, and compare whole numbers or objects to solve problems, decompose numbers (less than 20), model joining and separating situations, and fluently add and subtract (within 5). Describe and compare attributes of two- and three-dimensional shapes in different sizes and orientations, compose simple shapes to form larger shapes, and apply spatial reasoning to describe relative position.</p>
Physical Education	<p>Demonstrate sequential application of movement cues to control body and equipment in space. Classify and demonstrate levels, pathways, and relationships to meet the challenges of the activity. Compare activities that promote fitness and their affect on the heart and lungs. Identify and demonstrate behaviors that promote cooperation, respect, and responsibility within a movement setting.</p>
Reading Language Arts	<p>Apply grade-level appropriate print concepts, phonological awareness skills, phonics/word analysis skills, and word recognition to read with sufficient accuracy and fluency to support comprehension. Read emergent-reader literary texts with purpose and understanding. Read emergent-reader informational texts with purpose and understanding. Write opinions, informative/explanatory text, and narratives by experimenting with beginning writing processes and traits. Listen and speak effectively to share thoughts, ideas, and grade-level appropriate topics and texts. Acquire appropriate vocabulary and demonstrate command of grade-level conventions to use language effectively.</p>
Science and Engineering	<p>Describe and compare how plants and animals grow and survive through a life cycle. Classify plants and animals based on external features and explain how external features are used to survive in an environment. Identify, describe and compare adaptations of plants and animals in an environment. Identify and describe attributes of weather conditions using senses and tools to collect observational data. Identify and describe weather patterns over time and weather's impact on human's daily activities.</p>
Social Studies	<p>Identify and describe roles, rights, and responsibilities fulfilled by contributing members of societies. Identify and describe people, symbols, and practices associated with the United States of America. Identify, sort, and classify characteristics of people to determine how people meet similar needs. Identify and organize geographic characteristics to tell one place from another and describe how people change or adapt to the environment. Describe how goods are made and acquired. Compare daily life and objects of today and long ago.</p>

Elementary Integrated Curriculum – Grade 1 – What should students know and be able to do?

Art	<p>Transform personal thoughts and feelings into visual compositions.</p> <p>Identify, describe, represent, and compare living things and objects in visual compositions.</p> <p>Identify, select, and organize the elements of art and principles of design to create visual compositions.</p> <p>Generate a variety of responses to artwork using the elements of art and principles of design.</p> <p>Create artwork using appropriate processes and materials.</p>
General Music	<p>Perform alone and in an ensemble: steady beat, patterns, and sing with upper, lower, and middle registers.</p> <p>Improvise sounds to enhance a story or song, and create a simple composition and notate with icons.</p> <p>Read and notate simple rhythm and pitch patterns.</p> <p>Identify and describe same and different sections, musical contrasts, classroom instruments, and styles in music; self-monitor performances.</p> <p>Perform movements to demonstrate steady beat, musical cues, and meter.</p>
Health Education	<p>Sort and classify strategies to stay safe.</p> <p>Integrate strategies to improve health and to promote lifelong wellness.</p>
Information Literacy	<p>Demonstrate willingness to accept uncertainty by sharing ideas, asking, and answering questions in an ethical manner to guide personal or content information need.</p> <p>Identify and describe attributes of fiction and nonfiction resources and/or sources to select best match for personal or content information need.</p> <p>Sort and classify recorded information to create a product responding to personal or content information need.</p> <p>Generate ideas about relationships within fiction and nonfiction literature and real life.</p>
Mathematics	<p>Select and apply strategies for addition and subtraction, including basic facts, to solve problems.</p> <p>Integrate concepts of grouping, ordering, and comparing in tens and ones to develop understanding of whole number relationships.</p> <p>Demonstrate strategies and explain thinking about the linear measurement process and telling time.</p> <p>Identify and describe attributes of two- and three-dimensional shapes, and compose and decompose shapes to build understanding of part-whole relationships.</p>
Physical Education	<p>Demonstrate sequential application of movement cues to control body and equipment in space.</p> <p>Adapt body positions and shapes through the application of directions, levels, and relationships to meet the challenges of the activity.</p> <p>Identify and describe how exercise affects organs of the body and overall health and wellness.</p> <p>Identify rules that provide safe movement of people and equipment.</p> <p>Identify and demonstrate goal setting, planning, and practice.</p>
Reading Language Arts	<p>Apply grade-level appropriate print concepts, phonological awareness skills, phonics/word analysis skills, and word recognition to read with sufficient accuracy and fluency to support comprehension.</p> <p>Read and comprehend prose and poetry of appropriately complex for grade 1 strategically and independently.</p> <p>Read and comprehend informational texts appropriately complex for grade 1 strategically and independently.</p> <p>Write opinions, informative/explanatory text, and narratives with guidance and support using writing processes and traits.</p> <p>Listen and speak effectively to understand and communicate thoughts, ideas, and grade-level appropriate topics and texts.</p> <p>Acquire appropriate vocabulary and demonstrate command of grade-level conventions to use language effectively.</p>
Science and Engineering	<p>Compare and describe observable features of plants and animals and identify the relationship between observable features and basic needs for growth and survival.</p> <p>Describe and compare properties of natural and human-made materials and identify how human activities affect the environment.</p> <p>Compare and describe how objects move and identify causes for the movement.</p> <p>Identify and describe the effect magnets have on objects.</p> <p>Identify sources and uses of electricity in daily life.</p>
Social Studies	<p>Integrate ideas and information about relationships among rules, rights, and responsibilities to make effective decisions.</p> <p>Identify and describe people, symbols, and practices important to democratic principles associated with the United States of America.</p> <p>Compare similarities and differences in ways that people of different cultural backgrounds fulfill needs and wants and contribute to society.</p> <p>Identify and describe how goods and services are made, distributed, and acquired.</p> <p>Integrate ideas and information about geographic characteristics to identify how people modify and adapt to the environment.</p> <p>Sort and classify events, people, and objects as belonging to the past or present.</p>