

Theme	K-1	2	3	4	5	6
Growth and development	Name ways in which living things are similar and ways they are different. Explore the needs of living things Explore the physically observable traits of living things. Identify trusted adults who promote healthy growth and development (physicians, nurses, dentists, etc.)	Name ways in which living things are similar and ways they are different. Explore the needs of living things Explore the physically observable traits of living things	Recognize that there are individual differences in growth and development among living organisms. Explain how behavioral traits of one's family, school, and community have an impact on a child's growth and development.	Describe the characteristics of an organism in terms of a combination of inherited traits and the role of genes. Compare and contrast how healthy behaviors affect body systems.	Describe the characteristics of an organism in terms of a combination of inherited and behavioral traits. Compare and contrast how healthy behaviors affect body systems.	Identify personal hygiene practices and health and safety issues. Examine the relationship of chromosomes, DNA, and genes and how they are translated. Discuss how changes during growth affect thoughts, emotions, and behaviors.
	i i hg 11 15 11 k1 cm	i hg 11 15 11 2 cm	i hg 11 15 11 3 cm	i hg 11 15 11 4 cm	i hg 11 15 11 5 cm	i hg 11 15 11 6 cm
Human Life Cycle	Explain that living things grow and mature.	Describe how living things grow and mature.	Explain the cycle of birth, growth, aging, and death in living things. Identify parents, guardians, and trusted adults whom one can discuss the cycle of birth, growth, aging, and death in living things.	Describe the cycle of birth, growth, aging, and death in living things and humans.	Compare and contrast the stages of growth and development of living things and humans.	Recognize that there are individual differences in growth and development.
	i i hc 11 15 11 k1 cm	i hc 11 15 11 2 cm	i hc 11 15 11 3 cm	i hc 11 15 11 4 cm	i hc 11 15 11 5 cm	i hc 11 15 11 6 cm
Body Systems	Students should be able to describe their own physical characteristics. Name external body parts and their functions. Name and describe the five senses.	Identify the major organs of the body such as the heart, lungs and brain and their function.	Explain the interrelationships, as well as individual differences, of the body systems. A focus will be on: Respiratory System, Skeletal System, Muscular System, and Digestive System	Explain the interrelationships, as well as individual differences, of the body systems. A focus will be on: Circulatory System, Nervous System, Excretory System, Endocrine System, and Immune System.	Explore the relationship of cell, tissue, organ, and body systems. Describe the structure, functions, individual differences, and interdependence of all the major body systems.	Explain the structure, function, and major parts of the human body systems.
	i i bs 11 15 11 k1 cm	i bs 11 15 11 2 cm	i bs 11 15 11 3 cm	i bs 11 15 11 4 cm	i bs 11 15 11 5 cm	i bs 11 15 11 6 cm

Theme	7	8
Growth and development	<p>Explain physical, social, and emotional changes associated with adolescence.</p> <p>Analyze how internal and external influences affect growth and development, relationships, and behavior.</p>	<p>Explain physical, social, and emotional changes associated with adolescence.</p> <p>Recognize that there are individual differences in growth and development.</p> <p>Analyze how internal and external influences affect growth and development, relationships, and behavior.</p>
	i i hg 11 15 11 7 cm	i hg 11 15 11 8 cm
Human Life Cycle	<p>Summarize the human life cycle.</p>	<p>Summarize the human life cycle.</p>
	i i hc 11 15 11 7 cm	i hc 11 15 11 8 cm
Body Systems	<p>Evaluate the structure, functions, individual differences, and interdependence of all the major body systems.</p> <p>Explore malfunctions of the organ systems and the impact of genetic disorders.</p>	<p>Explain that the basic functions of organisms are carried out in cells and that groups of specialized cells form tissues and organs.</p> <p>Investigate cloning, DNA mapping, and others.</p>
	i i bs 11 15 11 7 cm	i bs 11 15 11 8 cm