UNIT	SKILLS	TYPE OF ASSESSMENT USED
Different Kinds of Life	• Describe how the scientific method works • Identify structures and their function within a cell • List the seven levels of taxonomy in order • Identify simple animals by their characteristics (sponges - worms) • Identify more complex animals by their characteristics (mollusks - chordates) • Compare vascular and non-vascular plants • List the characteristics of different types of plants • Give examples and traits of Monerans, Protists and Fungi	• Tests • Quizzes • Labs • Projects
Body Systems: Maintaining Life	• Describe the process of digestion in a human • List the six nutrients essential to your body • Define a calorie and record caloric intake • Compare circulatory systems in different organisms • Identify the parts and functions of the heart • Describe health problems associated with the circulatory system • Compare the different types of blood cells and their function • Explain how the lungs help in respiration • Describe how the kidneys help in excretion	• Tests • Quizzes • Labs • Projects
Body Systems: Controlling Life	• Name the parts and functions of the nervous system • List the glands of the endocrine system and their functions • Name the major bones of the skeletal system • Explain how different muscles work to cause movement • Describe the functions of different types of joints • Identify the structure and function of each sense organ	• Tests • Quizzes • Labs • Projects

UNIT	SKILLS	TYPE OF ASSESSMENT USED
	• Compare the different types of behaviors in organisms • Explain the use and misuse of different types of drugs	
Plant Parts and Functions	• Describe the structure and function of roots • Compare the different types of stems • Explain transport within a plant • Describe the structures and functions within a leaf • Explain why leaves change color • List some diseases associated with plants	• Tests • Quizzes • Labs • Projects
Reproduction and Development	• Describe the steps of mitosis • Describe the steps of meiosis • Explain the process of fertilization • Compare the sexual and asexual reproduction • Identify the reproductive structures and functions of a flowering plant • Identify the reproductive structures and functions of a human • Describe development within the uterus • Define metamorphosis	• Tests • Quizzes • Labs • Projects
Traits of Living Things	• Compare dominant and recessive genes • Predict traits of offspring using checkerboard method • Describe how traits are linked with chromosomes • Describe the structure of DNA • Explain how genetic engineering is used • Define adaptation and selection • Explain Darwin's Theory of Evolution • Give examples of evidence for the Theory of Evolution	• Tests • Quizzes • Labs • Projects
Relationships in the Environment	• List the biotic and abiotic parts of an ecosystem • Describe the interactions of a food chain	• Tests • Quizzes

UNIT	SKILLS	TYPE OF ASSESSMENT USED
	• List characteristics of biomes • Describe the three major relationships in a community • Define and describe populations • Explain how different types of pollution affect the environment	• Labs • Projects