

UNIT	SKILLS	TYPE OF ASSESSMENT USED
Introduction to Life	<ul style="list-style-type: none"> • Characteristics of life • Cell theory • Cell structure and function 	<ul style="list-style-type: none"> • Multiple choice • Short answer • Open/free response • Projects • Discussion • Lab performance
Heredity	<ul style="list-style-type: none"> • Mendelian genetics • Modern genetics • Human genetics 	<ul style="list-style-type: none"> • Multiple choice • Short answer • Open/free response • Interviews at home • Discussion • Lab observation • Punnett squares
Evolution	<ul style="list-style-type: none"> • Mechanisms of evolution • Evidence of evolution • Human evolution 	<ul style="list-style-type: none"> • Multiple choice • Short answer • Open/free response • Discussion
Taxonomy	<ul style="list-style-type: none"> • Systems of classification • Modern classification • Identification of organisms 	<ul style="list-style-type: none"> • Multiple choice • Short answer • Open/free response • Class project - lab classification • Discussion
Monerans	<ul style="list-style-type: none"> • Bacteria • Cyanobacteria • Helpful, harmful, harmless species of any kingdom 	<ul style="list-style-type: none"> • Multiple choice • Short answer • Open/free response • Disease report • Petri dish experiment • Discussion

UNIT	SKILLS	TYPE OF ASSESSMENT USED
Viruses	<ul style="list-style-type: none"> • Structure and reproduction • Helpful and harmful types 	<ul style="list-style-type: none"> • Multiple choice • Short answer • Open/free response • Disease report • Discussion
Protists	<ul style="list-style-type: none"> • Plant-like protists • Animal-like protists • Fungus-like protists • Helpful and Harmful types 	<ul style="list-style-type: none"> • Multiple choice • Short answer • Open/free response • Disease report • Classroom pond project • Discussion • Lab observation
Fungi	<ul style="list-style-type: none"> • Zygoter fungi • Sac fungi • Club fungi • Imperfect fungi • Symbiotic fungi • Lichens • Helpful and Harmful types 	<ul style="list-style-type: none"> • Multiple choice • Short answer • Open/free response • Disease report • Discussion • Petri dish experiment • Lab observation
Plants	<ul style="list-style-type: none"> • Characteristics of plants • Vascular and non-vascular plants • Seedless and seeded plants • Respiration and photosynthesis • Tropisms - stimulus/response behaviors • Interactions - parasitism, mutualism 	<ul style="list-style-type: none"> • Multiple choice • Short answer • Open/free response • Discussion • Lab performance • Long-term investigation • Projects
Animals	<ul style="list-style-type: none"> • Characteristics of animals • Vertebrate and invertebrate animals • Fish, amphibians, reptiles, birds, mammals 	<ul style="list-style-type: none"> • Multiple choice • Short answer • Open/free response • Discussion • Lab performance - hydra, planaria, game fish

UNIT	SKILLS	TYPE OF ASSESSMENT USED
Human Beings	<ul style="list-style-type: none"> • Skeletal system • Muscular system • Skin • Digestive system • Circulatory system • Lymphatic system • Respiratory system • Excretory system • Nervous system • Endocrine system • Reproductive system • Locomotion • Immune 	<ul style="list-style-type: none"> • Multiple choice • Short answer • Open/free response • Discussion • Lab performance - pulse rate, lung capacity, five senses activity
Current Life Science Events	<ul style="list-style-type: none"> • Recycling and waste management • Species extinction • Rain forest dilemma • Acid rain • Tropical plant medicine • The use of pesticides • Reintroduction of animals to the wild • Eating disorders • Disease cures and prevention 	<ul style="list-style-type: none"> • Multiple choice • Short answer • Open/free response • Discussion • Scientific American • Frontiers PBS show • Long-term investigation
Rocks and Minerals	<ul style="list-style-type: none"> • Soil formation • Igneous, sedimentary and metamorphic • Rock cycle • Hardness, color, streak, cleavage, fracture 	<ul style="list-style-type: none"> • Multiple choice • Short answer • Open/free response • Discussion • Identification lab • Differentiate rocks and minerals