

COURSE

Quarter	Content	Skills	Assessments	Eligible content
1	Structure and function of cells. Mendel, probability, heredity, DNA, Punnet squares, Darwin's theory, fossil record. Living Things.	Describe how cells carry out the main functions needed to sustain life. Explain how certain traits and/or behaviors allow some organisms to survive and reproduce more successfully than others. Explain characteristics and identify the needs of living things	Notebook, tests & quizzes, Labs, Teacher Observation & Questioning, Worksheets, Class Participation, Homework, Oral and Written Presentations, Essays, Student constructed projects.	S.6.A.1.1.1, S.6.B.1.1.1 S.6.A.1.1.1 S.6.B.2.1.1 S.6.B.2.1.2 S.6.A.1.1.1 S.6.B.1.1.2
2	Classification of Living Things. Viruses & Bacteria. Protists & Fungi. Plants.	Describe how and why scientists classify living things. List and describe characteristics of viruses and bacteria and explain why they are/are not considered living things. Describe the characteristics of the three groups of protists. List roles fungi play in nature. Identify characteristics that all plants share. Describe the process of photosynthesis. Compare and contrast vascular and nonvascular plants.	Notebook, tests & quizzes, Labs, Teacher Observation & Questioning, Worksheets, Class Participation, Homework, Oral and Written Presentations, Essays, Student constructed projects.	S.6.A.1.1.1 S.6.B.1.1.2 S.6.A.1.1.1 S.6.B.3.1.1 S.6.A.1.1.1 S.6.B.1.1.2 S.6.B.1.1.3 S.6.B.1.1.2 S.6.B.2.1.2 S.6.A.3.1.1
3	Invertebrates Vertebrates	Describe the structures of invertebrates and vertebrates that help them function and reproduce. Compare the similarities and differences between the internal/external structures of invertebrates to other organisms.	Notebook, tests & quizzes, Labs, Teacher Observation & Questioning, Worksheets, Class Participation, Homework, Oral and Written Presentations, Essays, Student constructed projects.	S.6.A.1.1.1 S.6.B.1.1.2 S.6.B.2.1.1 S.6.B.2.1.2 S.6.A.1.1.1 S.6.B.1.1.2 S.6.B.2.1.1 S.6.B.2.1.2

