

	Standard	DOK Level expectations for assessment*	Key performance words for indicated DOK
1	Students understand scientific ways of thinking and working and use those methods to solve real-life problems.	1	
		2	
		3	solve real-life problems; think scientifically
2	Students use the concept of scale and scientific models to explain the organization and functioning of living and nonliving things and predict other characteristics that might be observed.	1	observe
		2	explain organization,
		3	predict
3	Students understand that under certain conditions nature tends to remain the same or move toward a balance	1	
		2	
		3	
4	Students will identify and describe evidence of chemical and physical changes in matter.	1	identify
		2	
		3	
5	Students will describe interactions which cause the movement of each element among the solid Earth, oceans, atmosphere and organisms (biogeochemical cycles).	1	
		2	
		3	
6	Students will describe friction and make inferences about its effects on the motion of an object.	1	
		2	
		3	
7	Students will describe the concept of gravity and the effect of gravitational force between the sun, moon and Earth.	1	
		2	
		3	
8	Students will explain the relationship between structure and function of the cell components using a variety of representations.	1	
		2	
		3	
9	Students will draw conclusions and make inferences about the consequences of change over time that can account for the similarities among diverse species.	1	
		2	
		3	
10	Students will describe or represent the flow of energy in ecosystems, using data to draw conclusions about the role of organisms in an ecosystem.	1	
		2	
		3	

* DoK level 4 was left off this worksheet, but may be appropriate for some standards.