

Practice Test Answer and Alignment Document
Science: Grade 5
Online

Section 1

Item Number	Answer Key	Performance Expectation
1.	D	5-LS2-1
2.	D	5-LS2-1
3.	D, E	5-LS2-1
4.	D	5-LS1-1
5.	B	5-LS1-1
6.	Refer to Grade 5 Science Scoring Rubric	5-LS2-1
7.	D	4-PS3-2
8.	<p>The part of the circuit associated with "Provides the energy of motion to the propeller" is: Motor</p> <p>The part of the circuit associated with "Opens and closes the circuit" is: Switch</p> <p>The part of the circuit associated with "Provides energy to the circuit" is: Battery</p>	4-PS3-4
9.	A	4-PS3-2
10.	B	4-PS3-2

Item Number	Answer Key	Performance Expectation
11.	"Evidence of Energy Transfer in the Investigation" includes: 1) The car moved. 2) The propeller moved. Answers can be in any order in the box.	4-PS3-2
12.	Refer to Grade 5 Science Scoring Rubric	4-PS3-4

Section 2

Item Number	Answer Key	Performance Expectation
1.	C	4-ESS1-1
2.	A	4-ESS1-1
3.	The sentence should read: The students concluded that Calvert Cliffs at one time was [an ocean] environment because of the fossil evidence from [marine organisms].	3-LS4-1
4.	B	3-LS4-1
5.	The sentence should read: The students' diagram of rock layers containing fossils provides evidence that the organisms in layer 3 lived [after] the organisms in layer 2 and lived [before] the organisms in layer 6.	4-ESS1-1
6.	Refer to Grade 5 Science Scoring Rubric	3-LS4-1
7.	A, B, C	5-PS1-4
8.	Part A: B Part B: A, B	5-PS1-3
9.	The property associated with "Shine a Light on the Material" is: Reflectivity The property associated with "Scratch the Surface of the Material" is: Hardness The property associated with "Place the Material on a Balance" is: Mass	5-PS1-3
10.	A, E	5-PS1-4

Item Number	Answer Key	Performance Expectation
11.	<p>“Qualitative Data” includes:</p> <ol style="list-style-type: none"> 1) magnifying glass 2) microscope <p>“Quantitative Data” includes:</p> <ol style="list-style-type: none"> 1) balance 2) graduated cylinder 3) thermometer <p>Answers can be in any order in each box.</p>	5-PS1-4
12.	Refer to Grade 5 Science Scoring Rubric	5-PS1-4

Section 3

Item Number	Answer Key	Performance Expectation
1.	B	4-ESS3-1
2.	A, C, E	4-ESS3-1
3.	C	4-ESS3-1
4.	The sentence should read: The student determined that a hydroelectric dam would have a positive effect on the environment because it would use resources that [are readily available] but would have a <u>negative</u> effect on [aquatic animals].	5-ESS3-1
5.	Part A: B, C, E Part B: A	4-ESS3-1
6.	Refer to Grade 5 Science Scoring Rubric	5-ESS3-1
7.	A, B	4-LS1-2
8.	The sentence should read: The echidna data are evidence that the echidna uses its [pointy nose] to sense signals from [food sources] then uses its claws to [dig for the food sources].	4-LS1-1
9.	The sentence should read: The echidna behavior of rolling into a ball when threatened is due to [sensory receptors] sending a signal to the brain and then the brain [immediately responding].	4-LS1-2
10.	The sentence should read: The difference between the life cycles of the spotted porcupinefish and the echidna is that the spotted porcupinefish has [a larval stage] while the echidna has a different [means of protection] than the porcupinefish.	3-LS1-1
11.	B, E	3-LS1-1
12.	Refer to Grade 5 Science Scoring Rubric	4-LS1-1

Section 4

Item Number	Answer Key	Performance Expectation
1.	B	4-ESS3-1
2.	B, C, F	4-ESS3-1
3.	D	4-ESS3-1
4.	Number of metric tons of carbon dioxide not emitted: 16,500 Equivalent to emissions from how many cars: 2,500	5-ESS3-1
5.	B	5-ESS3-1
6.	Refer to Grade 5 Science Scoring Rubric	4-ESS3-1
7.	B, D, E	3-LS4-3
8.	C	3-LS4-3
9.	The animals selected as <u>most likely</u> to survive are: 1) Polar Bear 2) Husky Dog	3-LS4-3
10.	D	3-LS2-1
11.	D	3-LS2-1
12.	Refer to Grade 5 Science Scoring Rubric	3-LS2-1