

Grade 5 – Science Answer Key

Item Number	Item Type	TEKS	Maximum Number of Points	Correct Answer(s)	Reporting Category	Readiness and Supporting
1	Inline Choice	2.5.6.A	2	chemical to electrical electrical to sound See Appendix 1.1	2	Readiness
2	Match Table Grid	4.5.10.B	2	Inherited Trait: The cat eats its food. The cat is a gray color. The dog sees its food in the bowl and begins to drool. Learned Behavior: The dog presses a button when hungry. See Appendix 1.2	4	Readiness
3	Multiple Choice	2.5.6.B	1	C	2	Readiness
4	Drag and Drop	2.5.6.C	1	Box 1: Arrow pointing down and towards the left. Box 2: Arrow pointing down and towards the right. See Appendix 1.3	2	Readiness

Grade 5 – Science Appendix

1.1

How is energy transformed in the examples shown in the table?

Choose the correct answer from the drop-down menus to complete the table.

Examples	Type of Energy Transformation
A battery powers the RFID tag on the cat's collar.	chemical ⌵ to electrical ⌵
The circuit causes the speaker to say the word "food".	electrical ⌵ to sound ⌵

1.2

Complete the table by identifying each example as an inherited trait or a learned behavior.

Examples	Inherited Trait	Learned Behavior
The cat eats its food.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The cat is a gray color.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The dog presses a button when hungry.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
The dog sees its food in the bowl and begins to drool.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

1.3

Complete the model shown by identifying the path that light travels to allow the cat to see its food.

Move the correct arrow to each box. Not all arrows will be used.

