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**Scientific THEORY vs. LAW QUIZ- ANSWER KEY**

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When a scientist makes a quick guess about something, it is called a scientific theory. \*

True

False

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After providing research to back the theory, a scientific theory becomes a scientific law. \*

True

False

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A scientific theory explains things that happen in nature. \*

True

False

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A scientific theory cannot be modified. \*

True

False

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The evidence and data supporting the movement of the Earth's outer layers over time (Plate Tectonics) is an example of a scientific \_\_\_\_\_\_\_\_\_\_\_\_. \*

Theory

Law**t**

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Scientific Laws often include a mathematical relationship observed in nature. \*

True

False

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Please indicate if the following statement describes a Scientific theory or scientific law: "Earth's average temperatures will continue to increase because of the deterioration of the ozone layer, allowing the sun's that were previously absorbed to reach Earth's surface." \*

Scientific Theory

Scientific Law

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Why? \*



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|  |  |
| --- | --- |
| Top of Form    Bottom of Form  The following image is an example of a scientific \_\_\_\_\_\_\_\_\_\_\_\_\_\_. \*  Theory  Law | Top of Form    Bottom of Form  Picture |

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Scientific theories and scientific laws both describe observed events. \*

True

False**mi**