

Name: _____ Date: _____ Period: _____

Stimulus and Response Matching

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| 1. Equal forces acting on an object in opposite directions. | A. External stimulus |
| 2. A push or pull exerted on an object | B. Internal stimulus |
| 3. An above normal body temperature that is part of the inflammatory response | C. Unbalanced Force |
| 4. A change in an organism's surroundings that causes the organism to react. | D. Response |
| 5. A tendency of growth or movement toward or away from the earth; the influence of gravity on growth | E. Fever |
| 6. The process by which an organism's internal environment is kept in equilibrium in spite of changes in the external environment. | F. Phototropism |
| 7. A change within an organism, such as hunger and thirst, that causes the organism to respond. | G. Geotropism |
| 8. A process in which a system is turned off by the condition it produces. | H. Balanced Forces |
| 9. The tendency of an organism to turn or move toward or away from light. | I. Stress |
| 10. An action or change in behavior that occurs as the result of a stimulus. | J. Homeostasis |
| 11. A young plant developing out of a plant embryo from a seed. | K. Turgor Pressure |
| 12. A change in an organism's surroundings that causes the organism to react | L. Force |
| 13. The reaction of your body and mind to threatening, challenging, or disturbing events. | M. Seedling |
| 14. The force of water against the cell wall or a plant cell. | N. Vomiting |
| 15. Forces of different strengths acting in opposite direction. | O. Negative Feedback |
| 16. The forceful expulsion of the contents of one's stomach through the mouth. | P. Wilting |
| 17. Dehydration of plants to the point where they lose their turgor and hang limply. | Q. Stimulus |