Tectonic Plates

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1C |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | 2S |  |  |  |  O |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 3D |  I |  V |  E |  R |  G |  E |  N |  T |  B |  O |  U |  N |  D | 4A |  R |  Y |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  I |  |  |  |  T |  |  |  |  |  |  |  T |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 5C |  |  |  |  |  S |  |  |  |  I |  |  |  |  |  |  |  H |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  O |  |  |  |  |  M |  |  |  |  N |  | 6T |  |  |  |  |  E |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  N |  |  |  |  |  I |  |  |  |  E |  |  R |  |  |  |  |  N |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  V |  |  |  |  |  C |  | 7P |  A |  N |  G |  A |  E |  A |  |  |  O |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  E |  |  |  |  |  W |  |  |  |  T |  |  N |  |  |  |  |  S |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  C |  |  | 8H |  E |  A |  T |  T |  R |  A |  N |  S |  F |  E | 9R |  |  P |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  T |  |  |  |  |  V |  |  |  |  L |  |  F |  |  |  I |  |  H |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  I |  | 10C |  |  |  E |  | 11D |  |  D |  |  O |  |  |  F |  |  E |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  O |  |  R |  |  |  |  |  E |  |  R |  |  R |  |  |  T |  |  R |  |  |  |  |  |  |
|  |  |  |  |  | 12C |  O |  N |  D |  U |  C |  T |  I |  O |  N |  |  I |  |  M |  |  |  V |  |  E |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  C |  |  S |  |  |  |  |  S |  |  F |  |  B |  |  |  A |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 13F |  A |  U |  L |  T |  | 14R |  A |  D |  I |  A |  T |  I |  O |  N |  |  L |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  R |  |  |  |  |  |  |  T |  |  |  |  U |  |  |  L |  | 15I |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  R |  |  |  |  |  |  |  Y |  |  |  |  N |  |  |  E |  |  N |  |  |  |  |  |  |
|  |  |  |  |  |  | 16W |  E |  G |  E |  N |  E |  R |  |  |  |  |  |  D |  |  |  Y |  |  N |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  T |  |  | 17R |  I |  N |  G | 18O |  F |  F |  I |  R |  E |  |  |  |  R |  |  |  |  |  |  |
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|  |  |  |  |  |  |  | 19C |  O |  N |  V |  E |  R |  G |  E |  N |  T |  B |  O |  U |  N |  D |  A |  R |  Y |  |  |  |  |  |
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|  |  |  |  |  |  |  | 20T |  E |  C |  T |  O |  N |  I |  C |  P |  L |  A |  T |  E |  S |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  | 21M |  A |  N |  T |  L |  E |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **Across****3.** A plate boundary where two plates move away from each other.**7.** The name of the single continent that broke apart 200 million years ago.**8.** The movement of energy from a warmer object to a cooler object. **12.** Heat transfer by direct contact of particles of matter.**13.** A break in Earth's crust**14.** The transfer of energy through an empty space.**16.** The name if young German scientist who was curious about the relationship of the continents.**17.** A major belt of volcanoes that rims the Pacific Ocean**19.** A plate boundary where two plates move towards each other.**20.** The theory that pieces of Earth's lithosphere are constantly in motion, driven by convection currents in the mantle. **21.** A layer of hot solid material between the crust and the core. | **Down****1.** The hypothesis that the continents slowly move across earths surface**2.** A vibration that travels through earth carrying the energy released during an earthquake.**4.** The soft layer of the mantle on which the Lithosphere floats. **5.** The movement of a fluid, caused by differences in temperature, that transfers heat from one part of the fluid to each other.**6.** A plate boundary where two plates move past each other in opposite directions. **9.** A deep valley that forms where two plates move apart.**10.** The layer of rock that forms earth's outer surface.**11.** The measure of how much mass there is in a volume substance. **15.** A dense ball of solid metal. **18.** A layer of molten metal that surrounds the inner core. |