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| 2. Definition | |  | 3. Illustration/diagram  *Find a suitable image to help you remember.* |  | 4. Context  Circle the correct sentence. | |
| The total microscopic potential energy and microscopic kinetic energy of the particles in a system. | |  |  |  | A. The internal energy of a system increases as the temperature rises.  B. Internal energy is transferred between objects when they are in thermal equilibrium. | |
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|  | 1. Internal energy | | | | |  |
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| 5. Word associations  Highlight two related words. | |  | 6. Example | | | |
| A. Heat  B. Temperature  C. Potential energy  D. Conduction | |  | Write a sentence that uses the term.  Extension: Write a paragraph using this term. | | | |
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| 7. Turn and talk | | | | | | |
| How does internal energy change in everyday processes?  “In a boiling pot of water, the internal energy of the water \_\_\_\_\_.” | | | | | | |