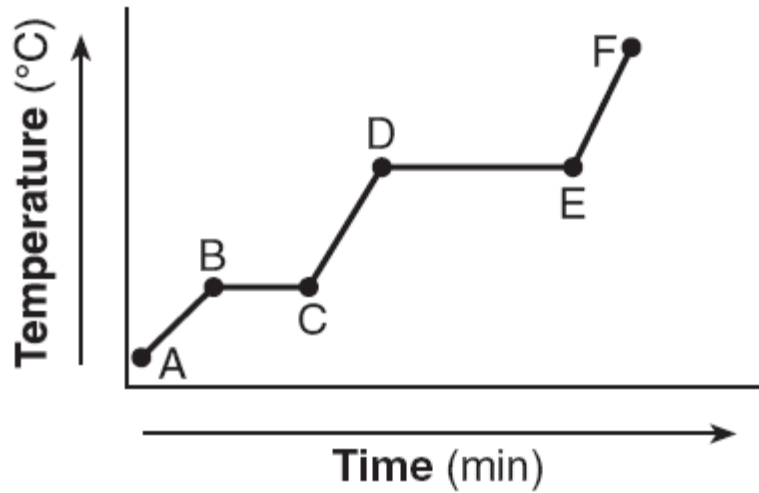


Physical Science 5

The graph below represents the uniform heating of a sample of a substance starting as a solid below its melting point.



Predict and justify what happens to the energy of the particles of the sample during time interval *DE*?