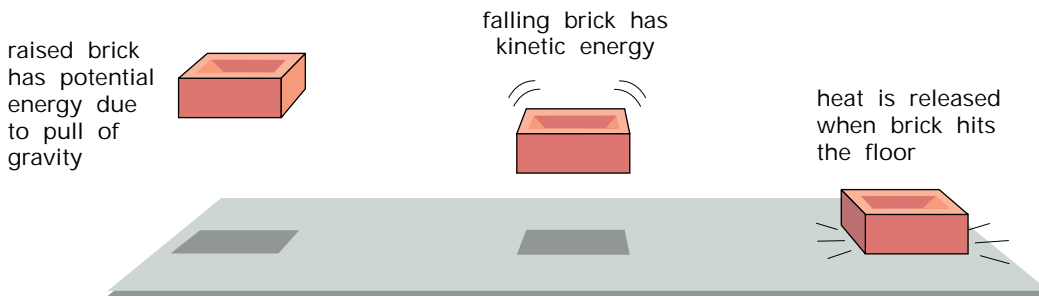
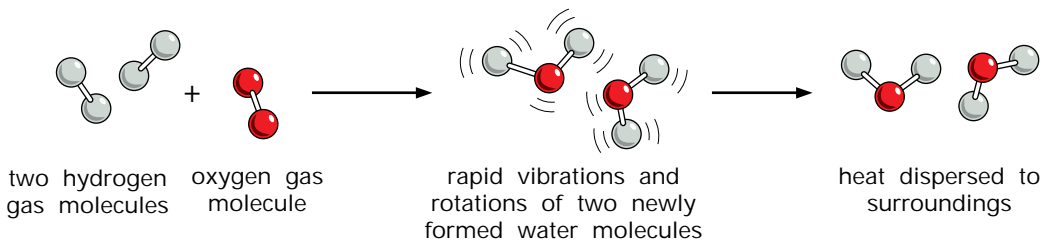


Interconversion of Energy

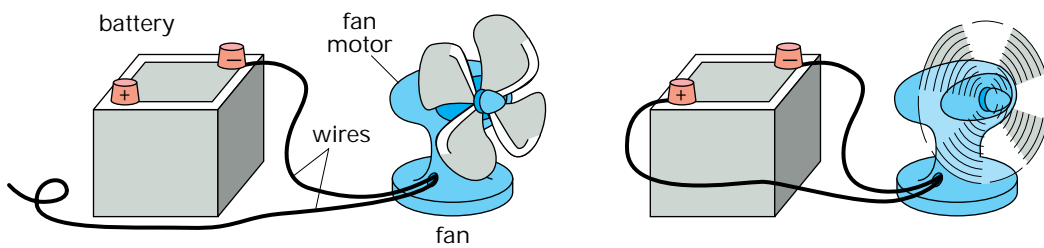
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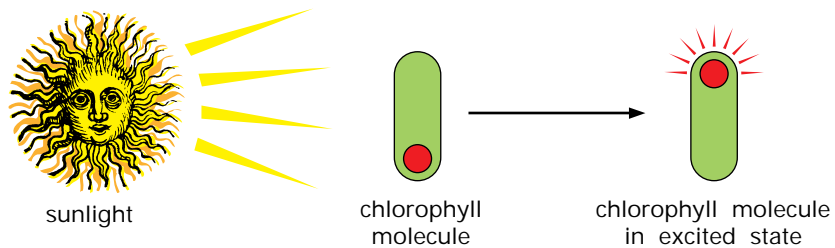
potential energy due to position → kinetic energy → heat energy



chemical bond energy in H_2 and O_2 → rapid molecular motions in H_2O → heat energy



chemical bond energy → electrical energy → kinetic energy



electromagnetic (light) energy → chemical bond energy