Temperature Coefficient (φ) $= \frac{\text{Rate of Rxn. at } (x+10)^\circ C}{\text{Rate of Rxn at } x^\circ C} \approx 2$ (Generally)

$\Rightarrow$ Rate of reaction doubles for every 10° rise in Temperature

Exact Expression is given by Arrhenius Equation:

$$\boxed{K = Ae^{-E_a/RT}}$$