

# Factors Affecting the Rate of Reaction!

## TEMPERATURE

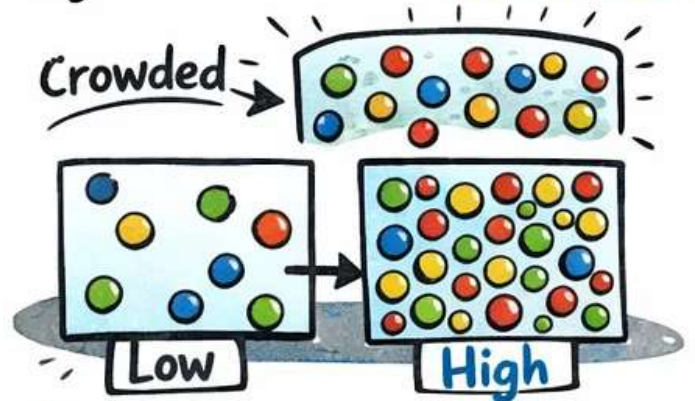
Higher Temp → Faster Reaction!



★ More Collisions!

## CONCENTRATION

Higher Concentration → More Particles!

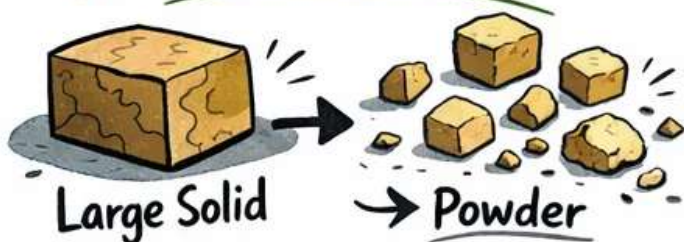


★ More Frequent Collisions!

## SURFACE AREA

Smaller Pieces → Faster Reaction!

★ More Area Exposed! ★

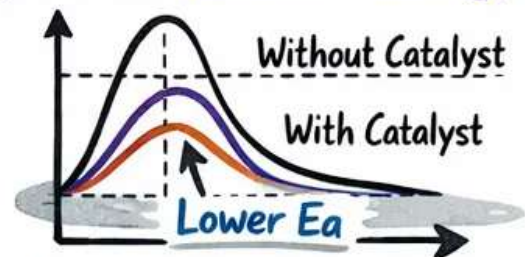


★ More Collisions!

## CATALYSTS

Speeds up the Reaction!

→ Lowers Activation Energy!



★ Not Used Up!

More Collisions = Faster Reaction!

