

KVS ZIET BHUBANESWAR
INTERACTIVE WORKSHEET
TOPICS: ENDOTHERMIC & EXOTHERMIC REACTION
SUBJECT: CHEMISTRY
STANDARD: IX & X

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Energy Changes in Chemical Reactions

Watch the video before answering the questions 📺

https://www.youtube.com/watch?v=yvyHVA1Ww_M

Endothermic – more energy goes into the reaction than goes out (absorbs heat and cools the surrounding area)

Exothermic – more energy goes out of the reaction than goes in (releases heat and heats the surrounding area)

Now select the correct option from column 2/3 for the process mentioned in column 1

Column 1	Column 2	Column 3
burning match	endothermic	exothermic
making ice cubes	endothermic	exothermic
melting ice cubes	endothermic	exothermic
evaporation of water	endothermic	exothermic
baking bread	endothermic	exothermic
photosynthesis	endothermic	exothermic
cellular respiration	endothermic	exothermic