6.2 Factors Affecting Reaction Rates (p. 363)

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| **Chemical Nature of the Reactants** Describe using words what the reactions are.  | Draw a diagram, can be chemical equation, diagram of this reaction occurring  |
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| --- | --- |
| Concentration of Reactants  | Diagram or chemical equation  |
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|  |  |
| --- | --- |
| Surface Area  | Diagram  |
|  |  |

|  |  |
| --- | --- |
| Temperature of the Reaction System | Diagram  |
|  |  |

Describe and explain how a catalyst works.

6.3 Explaining Reaction Rates using theories

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| --- | --- |
| Collision theory(p. 366)  | Diagram  |
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| --- | --- |
| Activation Energy (p. 367)  | Diagram  |
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| Temperature of the reaction system and how the Maxwell- Boltzman Distribution works, see video (p. 368-369)  | Diagram  |
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| Concentration and Surface Area (p. 370)  | Diagram  |
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| --- | --- |
| Catalyst Theory (p. 371)  | Diagram  |
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