## IB Physics Topic C1 S.H.M; SL & HL

By timthedev07, M25 Cohort

## Table of Contents

1	Isochronous Oscillations	1
2	Defining Periodic Motion	2
3	S.H.M. Motion Equations	3
4	S.H.M. Energy Equations	4
5	S.H.M. Equations — Circular Motion Form	5
6	Phase Difference	6
7	Energy Revisit — KE, GPE, and Total Energy	7

#### 1 Isochronous Oscillations

## 2 Defining Periodic Motion

# 3 S.H.M. Motion Equations

# 4 S.H.M. Energy Equations

## 5 S.H.M. Equations — Circular Motion Form

#### 6 Phase Difference

7 Energy Revisit — KE, GPE, and Total Energy