

# **IB Physics Topic C3 Wave Phenomena; SL & HL**

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## 1 Wavefronts and Rays

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## 2 Refraction

### 2.1 Transmission

### 2.2 Snell's Law

### 2.3 Critical Angle

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## 3 Reflection

### 3.1 TIR

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## 4 Superposition of Waves

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## 5 Diffraction Equations

### 5.1 Single Slit Diffraction

### 5.2 Double Slit Diffraction

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## 6 Diffraction Pattern

### 6.1 Effect of Single Slit

### 6.2 Effect Double Slit

### 6.3 Combined Effect

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## 7 Diffraction Grating

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