

# Physics(SL) 11

**Time: 8 x 35 minutes per week**

**Course Description:**

*The IB Physics course is aimed at building a deeper knowledge and understanding of physics. It allows students to develop traditional practical skills and techniques and to increase the use of mathematics in solving physics related problems. It also allows students to develop interpersonal skills and information and communication technology skills, which are essential in modern scientific endeavour and are important life-enhancing, transferable skills in their own right. Students at standard level (SL) undertake the core syllabus, a common internal assessment (IA) scheme and have some overlapping elements in the options studied.*

**Resources:**

**Chris Hamper (2014), Higher Level Physics, Pearson.**

**Main Topics Covered:**

**Semester 1**

- Physics and physical measurement
- Mechanics
- Thermal properties of matter

**Semester 2**

- Circular Motion & Gravitation
- Waves
- Option subject

## Assessment

Internal Assessment for Reports	Weighting
Quarter 1 – CA1 only Quarter 2 (end of semester 1) – CA1+ CA2 + SA1 Quarter 3 – CA3 only Quarter 4 (end of semester 2) – CA3+ CA4 + SA2  • End of Semester Examinations (SA1 <b>Or</b> SA2) • Continual Assessment ( CA1 + CA2 <b>Or</b> CA3 + CA4) including: <ul style="list-style-type: none"> <li>- Topic tests</li> <li>- Lab reports</li> </ul>	70 20 + 10
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