

Overview

An extended essay (EE) in physics should answer a research question in physics through focused, evidence-based argumentation. The evidence may be drawn from the student's personal experimentation and/or book- and internet-based research. Whichever method of research is adopted, the student must use the principles of physics.

The essay must go beyond simply informing the reader and involve the elements of personal and original thinking.

Assumptions about the essay's readers

It should be written for an international peer audience, familiar with the Diploma Programme physics course. The essay can therefore refer to any physics from the course without proof or explanation, eg Newton's laws.

However, material from outside the physics course should be fully explained and referenced where necessary. Students should explain it freshly as it applies to their research question, thereby convincing the reader that they have a genuine grasp of the physics involved.

Students should also explain any culture-specific matters they refer to in the essay in relation to physics, eg cricket or baseball.