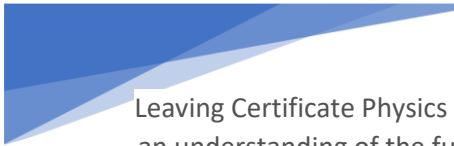


# Senior cycle Physics at Coola Post Primary School



Physics is the branch of science that studies forces, matter, and energy. It was originally called natural philosophy. A knowledge of physics is fundamental to an understanding of the world

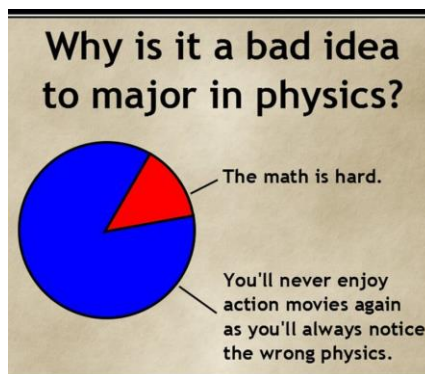
**PHYSICS IS ONE OF FOUR SENIOR CYCLE SCIENCE SUBJECTS AVAILABLE TO STUDY AT COOLA POST PRIMARY SCHOOL. THE STUDY OF PHYSICS HAS A LONG AND PROUD TRADITION BEING AN OPTIONAL SUBJECT CHOICE FOR OVER 30 YEARS**



Leaving Certificate Physics aims to give students an understanding of the fundamental principles of physics and their application to everyday life.

It offers a general education in physics to all students, enabling them to develop an understanding of the scientific method and their ability to observe, to think logically and to communicate effectively. Science technology and society (STS) is an integral part of the syllabus so that students can be aware of the principles of the applications of physics in the everyday world.

## NCCA CURRICULUM



# Main areas of study

Mechanics

Temperature

Heat

Waves

Vibrations and sound

Light

Electricity

Modern physics

## Assessment

3 hour terminal exam

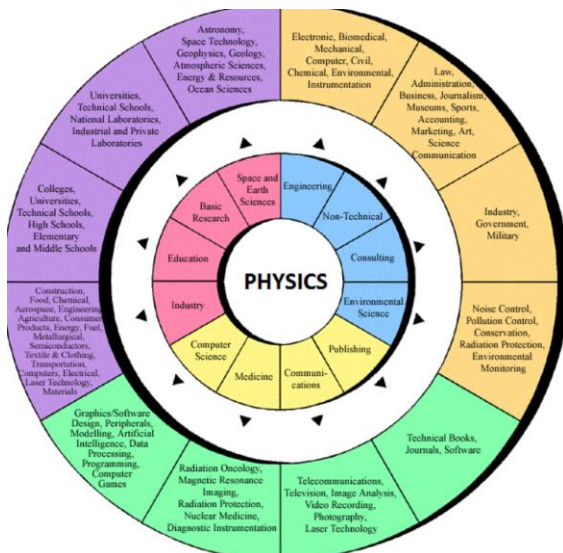
30% mandatory experiments

70% Theory of physics



Tyndell physics lecture Sligo IT

Physics contributes to a student's future career in many ways. It helps, in conjunction with the other Leaving Certificate subjects, to provide a broad, balanced education for any student. Physics teaches students to think logically and enables them to express their thoughts in a concise manner. The skills and knowledge developed through their study of physics can be useful in a wide variety of situations.



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Further information on Leaving Certificate Physics

[Physics \(curriculumonline.ie\)](https://www.curriculumonline.ie)

[Browse Search - Scoilnet](#)

[thephysicsteacher.ie](https://www.thephysicsteacher.ie)

### Student Achievement

The number of students who choose to study physics at leaving certificate consistently above the national average. These students often perform higher than the national average at state exams level. Many former students go on to study physics engineering or other science related disciplines at University.



New Science room opened in September 2021