

Experiments and Field Trips



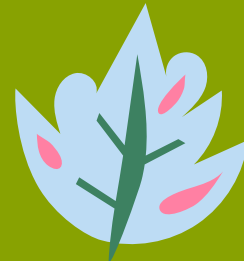
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Science subjects offered :

Junior cycle Science

Transition Year Taster Programme
of all Leaving Cert Science

Leaving Cert:
Agricultural Science
Biology
Chemistry
Physics



Science Department



Junior cycle science focuses on the development of students' knowledge of and about science .

What will I learn in Science?

The Nature of Science introduces the role of science in society, explains what science is and introduces the importance of investigation and communication in science.

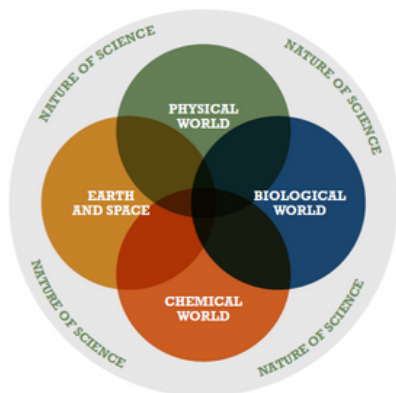
Biology is the science of living things. You will learn about cells, plants and animals, the environment and how to care for it.



Chemistry deals with the composition of substances and their properties. You will learn about the materials that make up the world around us and how materials can react, change and be changed.

Physics is the science of matter and energy and how they interact. You will learn about forces and energy and how things work.

Earth and Space is the science of space, space exploration and how this impacts the Earth.



Senior

Science

Transition Year offers students an opportunity for students to sample all science subjects that we offer at Leaving Cert level.

Agricultural Science

The science behind current farming practices.

- It aims to develop knowledge, skills and attitudes that promote the sustainability of agricultural resources, and places emphasis on the managed use of these resources.



Biology

The science of living organisms.

- it aims to explore the diversity of life and the relationships between organisms and their environment.
- It also aims to create an awareness of how living organisms and their products are of use to enhance the environment and human health.



Chemistry

The science behind substances and why they react.

- it aims to develop a better understanding of elements, how they react and what effects the reactions.
- it also aims to develop practical skills in volumetric analysis, organic chemistry, environmental chemistry and reaction mechanisms.



Physics

The science behind forces, matter and energy.

- it aims to give students an understanding of the fundamental principles of physics and their application to everyday life.
- It also aims to enable students to see where physics applies in the world of work.

