

BIOLOGY

The course is divided into three units

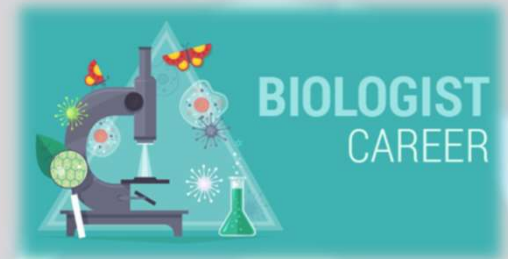
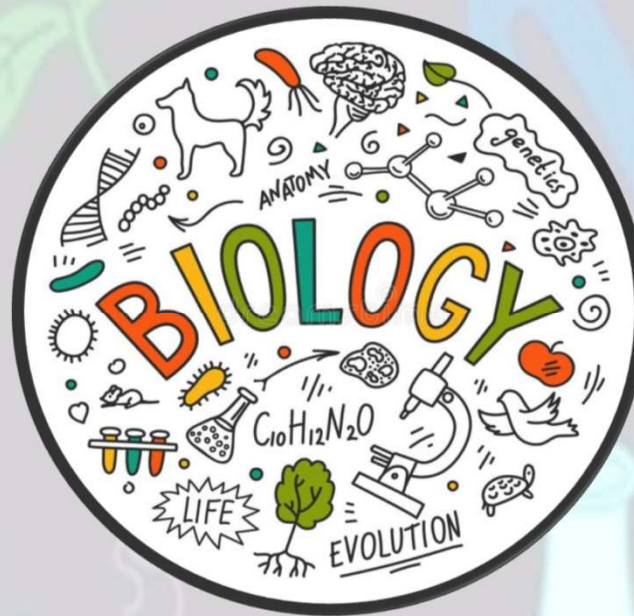
Unit 1 The study of life
(ecology and food science)

Unit 2 The Cell
(Genetics, photosynthesis,
respiration and enzymes)

Unit 3 The organism
(study of body systems, plant
biology and
microbiology)



St. Tiernan's Community School



Studying Biology will lay
the foundation of an
science based career
pathway such as:

- Doctor
- Pharmacologist.
- Biologist.
- Ecologist.
- Nature conservation officer.
- Biotechnologist.
- Forensic scientist.
- Government agency roles.



Biology is the scientific study of living things. Life is incredibly varied, yet based on common processes.

Biologists – and students studying biology – seek evidence to explain the nature of living things, and to understand where and how life is evolving, how evolution links life processes and ecology, and the impact that humans have on all forms of life.



The examination at higher and ordinary level is three hours duration. The exam paper is divided into three units.

Section A Six short questions (answer five) 100 marks.

Section B Three questions on practical activities (answer two) 60 marks.

Section C Six long questions (answer four) 240 marks.

Biology explores the inter-connections between all living things and the environment through learning in biology, students discover that life involves interactions at all levels of organisation: cells interact with their environment and with each other, so do organs, organisms and ecosystems. No living thing exists in isolation from its environment.



Leaving Certificate biology aims to give learners an appreciation of the complexity of the processes of the cell and of the organism, of the diversity and interrelationships of all living things and their environment.

Learners will develop essential knowledge and understanding of different areas of biology and how they relate to each other, and understand how society makes decisions about scientific issues and how biology contributes to society.