

Year 10

Term 3

BIOLOGY

Course Content

The importance of energy for the good functioning of living organisms will be seen through the process of respiration. The students will be able to carry out several experiments highlighting this process. The respiratory system as a site for gas exchange will then allow the students to fully understand the process of respiration in terms of oxygen used and carbon dioxide released. Finally, the final unit of the year 10 IGCSE Biology program is aiming to show how organisms, analyze, react and adapt to their internal and external environment: coordination response and homeostasis.

Resources.

- Complete Biology for Cambridge IGCSE 3RD edition:
 - Sections 2.36 to 2.38 : Respiration
 - Sections 2.39 to 2.42: Gas exchange
 - Sections 2.43 to 2.53: Coordination response and homeostasis
- Further resources and links will be posted on edmodo.

Assessment.

- End of topic mini tests:30%
- Class participation, assignments, experiments: 20%
- Midterm and end of term exams:50%