

Year 8

Term 2

ICT

Course Content

In this term students will have the opportunity to learn the following:

1. Modeling (Excel)
 - a. Creating a graph
 - b. Types of graph
 - c. Label a graph
2. Data Handling (Excel)
 - a. Structure of Database
 - b. Questionnaires
 - c. Enter and check Data
 - d. Shorting and researching a database
 - e. Creating new information from Data by using basic formulas
 - f. Reaching conclusions
3. Control (Flowcharts)
 - a. Flowchart
 - b. Analytic Thinking/Solve Problem
 - c. Subroutines
 - d. Variables
 - e. Testing instructions and using feedback

Resources

- ICT InteractCT for KS3 vol. 1
 - Section 3 Modeling 3.6,3.7
 - Section 4 Data Handling
 - Section 5 Control
- Further resources and links will be posted on Edmodo
- Programs
 - Excel
 - Dev C++
 - Kodu Game Lab
 - Code to Flowchart
 - Power point

More intellect programs will present and use by students inside the classroom

Assessment

Practice is the key to achieve ICT

- Evaluation Tests, every week 20%
- Practice test, 15 min at the end of each class 15%
- End of topic Tests 20%
 - Grade graph
 - Class Database
 - Flowchart and programing (Action Game)