**LICEF SECONDARY SCHOOL**

**TERM PLANNER**

**GRADE:** 10 **DEPARTMENT:** I.T **SUBJECT:** I.C.T **TERM:** 2 **YEAR:** 2020

**TEACHERS:** **Mrs. Sudha Vaitheeswaran & Mr. Hachita**

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| **WEEK** | **TOPIC(AS PER SYLLABI)** | **REFERENCES FOR THE TOPIC** | **EXPECTED DATE OF COMPLETION** | **ACTUAL DATE OF COMPLETION** |
| **10G /10B** |
| **1** | Revision of Term1 EOT. | EOT 1 Paper |  |  |
| **2** | **Data Types**   * Types of data – Boolean, alphanumeric, numeric & date. * Data structures * Database and Relational DB.   **Assignment – ICT Applications**   * Communication & Data Handling Applications. * Physical security (Health & Safety) & e-safety. | IGCSE-ICT-Graham Brown, Brian Sargent, David Watson |  |  |
| **3** | **Data Manipulation – MS Access**   * Creating a database from an existing file. * Enter data, add field to an existing table. * Create Relationships.   **Assignment – ICT Applications**   * Measurement Applications & Microprocessor in Control Applications. | IGCSE-ICT-Graham Brown, Brian Sargent, David Watson |  |  |
| **4** | **Data Manipulation – MS Access**   * Form Wizards – create & edit data entry form. * Enter new field to an existing form. * Evaluation of data entry form.   **Assignment – ICT Applications**   * Modelling Applications & Manufacturing Applications. | IGCSE-ICT-Graham Brown, Brian Sargent, David Watson |  |  |
| **5** | **Data Manipulation – MS Access**   * Query Wizard - Manipulate Data – Perform searches. * Use of AND & OR, mathematical & logical operators. * Use of wild card searches.   **Assignment – ICT Applications**   * School Management Systems & Booking System. | IGCSE-ICT-Graham Brown, Brian Sargent, David Watson |  |  |
| **WEEK** | **TOPIC(AS PER SYLLABI)** | **REFERENCES FOR THE TOPIC** | **EXPECTED DATE OF COMPLETION** | **ACTUAL DATE OF COMPLETION** |
| **10G /10B** |
| **6** | **Data Manipulation – MS Access**   * Use formulae in queries – run time calculation in queries. * Present summary data in queries. * Sort data in queries.   **Assignment – ICT Applications**   * Banking Applications & Expert Systems | IGCSE-ICT-Graham Brown, Brian Sargent, David Watson |  |  |
| **7**  **Mid Term Test** | **Data Manipulation – MS Access**   * Present data – Produce & format reports. * Export Data. * Hide data in a report. | IGCSE-ICT-Graham Brown, Brian Sargent, David Watson |  |  |
| **8**  **Mid Term Test** | **Data Manipulation – MS Access**   * Use formulae in reports- run time calculation. * Sort data in reports. * Producing labels – Label Wizard.   **Assignment**   * Online fraud & Cloud Security. | IGCSE-ICT-Graham Brown, Brian Sargent, David Watson |  |  |
| **9** | **Network Security Issues – Assignment**   * Phishing, Pharming, Hacking, Smishing, Vishing, Spyware, Viruses, Spam, Moderated & Unmoderated Forum, Cookies.   **Network Security Methods**   * Firewalls, Security Protocols, Encryption, Authentication. | IGCSE-ICT-Graham Brown, Brian Sargent, David Watson |  |  |
| **10** | Revision | Past Papers |  |  |
| **11** | EOT EXAMS |  |  |  |
| **12** | EOT EXAMS |  |  |  |
| **13** | EOT EXAMS |  |  |  |

**Prepared By: Mrs. Sudha Vaitheeswaran**

**Subject Teachers**

1. **Mrs. Sudha Vaitheeswaran ………………………………………**
2. **Mr. Hachita ………………………………………**

**Approved by: ICT Coordinator ………………………………………**