**TITLE: ELECTRICITY: ORIGIN, OHM LAW, SERIES AND PARALLEL CIRCUITS**

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| Type of school | | Secondary School class 1 | |
| Subject: | | Technology | |
| Duration of Unit/N. of lessons 7 | | 7 hours | |
| **TEACHING AIMS**   * To make learners aware about the CLIL method * To enable learners to understand what electricity is, its principal laws and how it works in different circuits, direct and alternating current. * To enable learners to understand why electricity is important for our community. * To help learners understand that learning can be achieved in a second language | | | |
| **LEARNING OUTCOMES** | | | |
| Most learners should know:   * What CLIL is. * Main characteristics of the electricity, Ohm’s law, circuits and difference between direct and alternating current. | Most learners should be able to:   * say what Clil means * Learn technical words in English * Recognize different types of materials (conductor and insulating) * Recognize different types of circuits. * Recognize different types of current. | | Be aware of:   * The importance of acquiring a language through the CLIL method * The importance of electricity on our planet. * The importance of the alternate current on our planet. |
| **CONTENT**   * Explanation of Clil as a method * How current works and the main parts of a circuit. * Basic features of electricity * Ohm’s Law * Parallel and series circuits. * Alternate and direct current. | | | |
| **COMMUNICATION**   * To identify and describe different types of electricity * To explain how to build a circuit. | | | |
| Language of learning   * Nouns, subject specific words * Verbs * Structures: present tense | Language for learning   * When…? * What…? * There is/there are… | | Language through learning   * Dictionary skills * Basic presentation vocabulary |
| **COGNITION**   * Remembering the origin of electricity; * Identifying different materials, conductors and insulators; * Identify the issues about circuits; * Remembering the structure of different circuits; * Identifying different kindsof electricity (AC and DC); | | | |
| **CULTURE**   * Cooperate through games; * The awareness of the importance of electricity; * The awareness of how electricity is produced and transported in our houses; * The awareness of the difference between AC and DC power; | | | |
| **RESOURCES**  ptt presentation  matching  memory game  posters  videos | | | |