LEARNING UNIT 3

**TITLE** Direct and Alternate current (DC AC)

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| Type of school | | Secondary School class 1 | |
| Subject: | | Technology | |
| Duration of Unit/N. of lessons 1 | | 2 hours | |
| **TEACHING AIMS**   * To make learners aware about the CLIL method * To enable learners to understand the difference between Alternating and Direct Current. * To enable learners to understand why Alternating Current is important * 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 AC | Most learners should be able to:   * Say what Clil means * Learn technical words in English * Understand how AC is produced. * Recognize where AC is used * Learn the advantages and disadvantages of AC. | | Be aware of:   * The importance of acquiring a language through   the CLIL method   * The importance of AC. |
| **CONTENT**   * Explanation of Clil as a method * Main characteristics of AC current. * Why AC current is important. * Advantages and disadvantages of AC and DC. * Use of the AC current. * Glossary | | | |
| **COMMUNICATION**   * To identify and describe in a simple way what kind of electricity we use. * To explain why we use two kinds of electricity. | | | |
| Language of learning   * Nouns: inductor, alternating current, direct current, magnet, electromagnetic field, electric voltage, electric transformer. * Verbs: to see, to build. * Structures: present tense | Language for learning   * When…? * What…? * How….? * Why…? * There is/there are… | | Language through learning   * Dictionary skills * Basic presentation vocabulary |
| **COGNITION**   * Remembering how AC and DC current are produced, how they are transported, advantages and disadvantages of these two kinds of current. | | | |
| **CULTURE**   * Cooperate through games. * The awareness of the importance of electric energy. | | | |
| **RESOURCES**  pptt presentation  posters  videos  domino game  <https://www.youtube.com/watch?v=BbmocfETTFo>  <https://www.youtube.com/watch?v=mc979OhitAg&t=478s>  <https://www.youtube.com/watch?v=BcIDRet787k&t=3s>  <https://www.youtube.com/watch?v=xyQfrzBfnDU&t=93s> | | | |