

**BUDGET OF WORK IN COMPUTER 6**

**A.Y. 2017 – 2018**

**UNIT TOPIC:** Programming in Principle **QUARTER:** 3rd Quarter

**No. of days:** 16 days **Reference:** RCBN-ES Syllabus

|  |  |  |
| --- | --- | --- |
| **TIME FRAME** | **LEARNING TARGETS** | **PAGES** |
|   Day 1-2 | * Define Computer programs
* Illustrate the practical uses of computer programs
* Enumerate the various programming paradigms
 | digiTiTans 6pages 94-100 |
| Day 3 | * Explain the problem definition step
* Define algorithm, source code, and machine code
 | digiTiTans 6pages 101-106 |
| Day 4 | * Explain the program development cycle
* Enumerate the steps of the program development cycle
 | digiTiTans 6pages 107-112 |
| Day 5 | Summative Test |   |
| Day 6-7 | * Create a short video of organizing a birthday party
 |  |
| Day 8 | * Define algorithm
* Relate algorithms to everyday situations
* Describe the properties of a good algorithm
 | digiTiTans 6pages 113-120 |
| Day 9 | * Identify the basic flowchart symbols
* Express algorithms using flowcharts
 | digiTiTans 6pages 121-126 |
| Day 10 – Day 11 | * Express algorithms using pseudo code
* Appreciate the importance of control and program structures
 |  digiTiTans 6pages 127-133 |
| Day 10 | * Explain the different ways of extracting data from the database
* Explain why databases should have efficient design
 | digiTiTans 6pages 79-86 |
| Day 11 | * Demonstrate the many uses of MS PowerPoint
 | digiTiTans 6pages 87-92  |
| Day 12 | Summative Test |  |
| Day 13 | Create a basic flowchart about the chosen topic |  |
| Day 14 | Summative Test |  |
| Day 15-16 | Determine a student’s final grade and indicate whether it is passing or failing |  |

Prepared by: Approved by:

**Elizabeth A. Gulferic Miss Meddy L. Sanchez**

Computer 6 Teacher School Principal, RCS