



مدرسة القديسة مريم الكاثوليكية الثانوية - دبي
ST. MARY'S CATHOLIC HIGH SCHOOL, DUBAI

Theory/Practical

YEAR 5– Computing (Week 4)-2021-2022

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| Subject | Computing |
| Class/ Section | Year 5 – A, B, C, D, E, F |
| Week | 19 th September to 23 rd September |
| Work send to students by | Google classroom |
| Total number of lessons per week | 1 |
| Unit/Topic | Algorithm- Error Correction in an Algorithm |
| Lessons 1,2,3 –Live Zoom lesson along with face to face instruction for students present on a particular day Work will be assigned in Google classroom which will be matched to the students ability. | <u>Specific Learning objectives</u> -Be able to identify errors in the algorithms. -Be able to debug the errors in the algorithms. <u>Specific Intended Learning Outcomes</u> -Students will be able to identify the errors in the algorithm. - Students will be able to debug the errors in the algorithm. |
| Key Vocabulary | Constructs, Iteration, Errors Debug, Variables, For Loop |
| Tasks/Activities | -The teacher would explain how to identify and debug errors in the algorithm. -The teacher would introduce Iteration to print a statement. |

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| <p>Assessment Criteria/ Essential questions</p> | <p>Essential Question that are according to the Pearson edexcel specification</p> <p>e.g Edexcel iPrimary Computing (PS6.1D)</p> <p>Entry question to check students existing knowledge about the topic.</p> <p>Students will apply the knowledge about constructs, variables and calculations to find out the errors in the algorithm.</p> <p>AO1: Demonstrate knowledge and understanding of Iteration. AO2: Apply Knowledge and understanding of algorithm constructs and keywords. AO3: Analyse, evaluate, make reasoned judgements and present conclusions</p> |
| <p>Resources</p> | <ol style="list-style-type: none"> 1. Edexcel iPrimary Computing (PS6.1D) 2. PowerPoint on the topic 3. MS Word/Activity Sheet 4. https://www.youtube.com/watch?v=r3Ti5Xp9W8A |