مدرسة القديسة مريم الكاثوليكية الثانوية - دبي

## ST. MARY'S CATHOLIC HIGH SCHOOL, DUBAI

Theory

## Year 6- Lesson Plan (Week 2)-2021-2022

| Subject | COMPUTING |
|---|---|
| Class/ Section | Year 6 A, B, C, D, E, F |
| Week | 5th September to 9th September |
| Work send to students by | Google classroom |
| Total number of lessons per week | 1 |
| Unit/Topic | Definition of an Algorithm |
| Key Vocabulary | Algorithm, Construct, Sequence, Selection and Repetition |
| Lesson 1 –Live Zoom lesson along with face to face instruction for students present on a particular day<br><br>Lesson 2- Work will be assigned in Google classroom which will be matched to the students ability.<br><br><br><br><br>Tasks | **Specific Learning objectives**<br>• Be able to interpret algorithms<br>• Terms used in the algorithms and its applications.<br><br>**Specific Intended Learning Outcomes**<br><br>• Students will be able to define an algorithm.<br>• Students will be able to know the terms used in an algorithm and its applications.<br><br><br>.<br>1. Add, subtract, multiply and divide 2 numbers using sequence construct.<br>2. Create an algorithm to make a tea/coffee using selection construct. |

| Assessment Criteria/ Essential questions | 1. **What are the basic steps to write an algorithm?**<br><br>2. **What are the three constructs of an algorithm?**<br><br>3. **What are the keywords used in an algorithm?** |
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| Resources | 1. **PowerPoint presentation**<br>2. **MS Word/ Activity Sheet** |

<span style="background-color:cyan">**Practical**</span>

**Year 6- Lesson Plan (Week 2) -2021-2022**

| Subject | COMPUTING |
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| Class/ Section | Year 6 A, B, C, D, E, F |
| Week | 5th September to 9th September |
| Work send to students by | Google classroom |
| Total number of lessons per week | 1 |
| Unit/Topic | Definition of an Algorithm |
| Key Vocabulary | Sequence/ Selection constructs, If...else |
| **Lesson 1 –Live Zoom lesson along with face to face instruction for students present on a particular day**<br><br>**Work will be assigned in Google classroom which will be matched to the students ability.**<br><br><br>**Tasks** | **Specific Learning objectives**<br>• **Be able to write an algorithm**<br>• **Be able to complete the missing statements in an algorithm**<br><br>**Specific Intended Learning Outcomes**<br><br>• **Students will be able to write an algorithm and will be able to find the missing statement.**<br><br>.<br>3. **Add, subtract, multiply and divide 2 numbers using sequence construct.** |

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|---|---|
| | 4. **Create an algorithm to make a tea/coffee using selection construct.** |
| **Assessment Criteria/ Essential questions** | **Complete the missing statement in the given algorithm.** **Find out the basic steps of an algorithm and write the given algorithm.** |
| **Resources** | **PowerPoint presentation** **MS Word/ Activity sheet** |