**Stage 5 iSTEM (Elective) | Year 9 | 2017 Teaching Programs**

Stage 5 iSTEM units of work to be delivered in Year 9 at Emmaus Catholic College. The sequence for the delivery for learning in this course includes STEM Fundamentals, Aerodynamics, and CAD/CAM units of work.

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| **Term 1 - 10 weeks 1 day** | | | | | | | | | | |
| **Week 1**  **(1 day)** | **Week2** | **Week3** | **Week4** | **Week5** | **Week6** | **Week7** | **Week8** | **Week9** | **Week10** | **Week11** |
| **Program 9.1 – STEM Fundamentals 1 & 2** | | | | | | | | | | |
| [**Assessable Outcomes:**](#1))  5.1.2, 5.2.1, 5.4.2, 5.5.1, 5.6.2 | | | | | | | | | | |
|  |  |  |  |  |  |  |  |  |  | **Task 1**  Community Tree  **30%** |

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| **Term 2 - 9 weeks 3 days** | | | | | | | | | |
| **Week1** | **Week2** | **Week3** | **Week4** | **Week5** | **Week6** | **Week7** | **Week8** | **Week9** | **Week 10**  (Only 3 days) |
| **9.2 – Aerodynamics** | | | | | | | | | |
| [**Assessable Outcomes:**](#1))  5.3.2, 5.4.1, 5.8.1 | | | | | | | | | |
|  |  |  |  |  |  |  |  |  | **Task 2**  Vertical Challenge  **20%** |

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| **Term 3 - 9 weeks 4 days** | | | | | | | | | |
| **Week1** | **Week2** | **Week3** | **Week4** | **Week5** | **Week6** | **Week7** | **Week8** | **Week9** | **Week10**  (Only 4 days) |
| **9.3 – Oro Boule Jewels (CAD/CAM 1)** | | | | | | | | | |
| [**Assessable Outcomes:**](#1))  5.1.1, 5.3.2, 5.4.2, 5.5.2, 5.7.1 | | | | | | | | | |
|  |  |  |  |  |  |  |  |  | **Task 3**  Oro Boule Jewels  **30%** |

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| **Term 4 - 10 weeks 2 days** | | | | | | | | | | | | | |  |
| **Week1** | **Week2** | | **Week3** | | **Week4** | | **Week5** | **Week6** | **Week7** | **Week8** | **Week9** | **Week10** | **Week11**  **(2 days)** | |
| **9.3 – F1 Challenge (CAD/CAM2)** | | | | | | | | | | | | | | |
| [**Assessable Outcomes:**](#1))  5.2.2, 5.3.1, 5.6.2 | | | | | | Informal Assessment Period | | | | | | | | |
|  |  |  | | **Task 4**  F1 Challenge  **20%** | |