M0 orisset High School

**Year 7 Scope and Sequence**

**Science 2017**

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| **YEAR**  **7** | **Weeks** | | | | | | | | | | |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** |
| **Term**  **1** | **Unit 1: Working Like a Scientist**  **Key Concepts**   * Introduction to laboratory * Safety in Science * Science specific Skills   **Outcomes:** SC4-6WS, SC4-7WS, SC4-9WS  **Task One Notification**: Week 3 Term 1 | | | | **Assessment**  **Task 1**:  Practical Task | **Unit 2**: **Understanding Matter**  **Key Concepts:**   * Behaviour of Matter * Particle Movement * Properties of Solids, Liquids and gases.   **Outcomes**: CW-1, WS-5  **Task Two Notification**: Week 8 Term 1  **Task Two Due**: Week 10 Term 1 | | | | | |
| **Term**  **2** | **Unit 3: Pushes and Pulls**  **Key Concepts**   * Balanced and Unbalanced forces * Forces in Everyday Life * Frictional Forces * Electrostatic Charge * Magnets and Electromagnets   **Outcomes**: PW-1 & PW-2, WS-6, WS-7  **Task Three Notification**: Week 1 Term 2  **Task Three Due**: Week 5/6 | | | | | **Unit 4: Classifying Living Things**  **Key Concepts:**   * Classifying Living Things * Identify a range of plants and animals * Structural features of living things   **Outcomes**: LW-1, WS-8 | | | | |  |
| **Term**  **3** | **Topic 5: The Rocks that make up Earth**  **Key Concepts:**   * Structure of the Earth * Weathering, Erosion and Deposition * Sedimentary, Igneous and Metamorphic Rocks * Minerals * Fossils   **Outcomes**: ES-1 | | | | | **Topic 6: Elements and Compounds**  **Key Concepts:**   * Elements and Compounds * Chemical Symbols * Arrangement of particles   **Outcomes:** CW-2 | | | | |  |
| **Term**  **4** | **Topic 8: The Solar System**  **Key Concepts:**   * Day and Night, Seasons and Eclipses * The Solar System   **Outcomes:**  ES-2  **Task 4 Notifications:** Week 2  **Task 4 Due:** Week 4 | | | | | **Topic 7: The Microscope**  **Key Concepts:**   * Structures within Cells * Respiration * Cell division * Micro-organisms   **Outcomes:** LW-2, WS-9 | | | | |  |