Hampstead Primary School Earth & Space Science Term 1 2020 Vito Mastrapasqua

Junior Primary	Middle Primary	Upper Primary
The students will have the opportunity to explore and investigate changes that can be large or small and happen quickly or slowly. Through inquiry-based opportunities students will gain knowledge to find answers to questions such as; What changes happen naturally? What changes are made by humans? How often do changes occur? How long do they take? The below will be the emphasis in teaching about Earth & Space: Daily and seasonal changes in our environment affect everyday life (ACEEU004) Observable changes occur in the sky and landscape (ACSSU019) Use a range of methods to sort information, including drawings and provided tables and through discussion, compare observations with predictions (ACSIS027) Pose and respond to questions, and make predictions about familiar objects and events (ACSIS024) Participate in guided investigations to explore and answer questions (ACSIS025) Represent and communicate observations and ideas in a variety of ways (ACSIS029)	Students will have the opportunity to research and investigate the movement of Earth, the moon and the sun to suggest explanations for everyday observations. Students will gain knowledge through inquiry-based opportunities to quantify their investigations to questions such as; Why is there day & night? What natural phenomena occurs on Earth? Why does the sun and moon move in the sky? The below will be the emphasis in teaching about Earth & Space: Earth's rotation on its axis causes regular changes, including night (ACSSU048) Earth's surface changes over time as a result of natural processes and human activity (ACSSU075) Science involves making predictions and describing patterns and relation (ACSHE050) With guidance, plan and conduct scientific investigations to find answers to questions (ACSIS054) Compare results with predictions, suggesting possible reasons for findings (ACSIS215) Represent and communicate observations, ideas and findings using formal and informal representations (ACSIS060)	The students will have the opportunity to investigate the relative positions of the sun, Earth and moon and explain predictable natural phenomena. Through inquiry-based opportunities students will determine information to questions such as; What causes the seasons? Why does the moon change shape? Why are there forest fires in Summer? The below will be the emphasis in teaching about Earth & Space: Science involves testing predictions by gathering data and using evidence to develop explanations of events and phenomena (ACSHE098) Predictable phenomena on Earth, including seasons and eclipses, are caused by the relative positions of the sun, Earth and the moon (ACSSU115) Sudden geological changes and extreme weather events can affect Earth's surface (ACSSU096) Communicate ideas, explanations and processes in a variety of ways, including multi-modal texts (ACSIS110) Identify questions and problems that can be investigated scientifically and make predictions based on scientific knowledge (ACSIS124) Summarise data, from students' own investigations and secondary sources, and use scientific understanding to identify relationships and draw conclusions based on evidence (ACSIS130)