



AOLE	Subject	Year	Assessment
Science and Technology	Science	9	Physics Spring 1

Progression Table		
Progression Indicator	Knowledge/Skills	How will I demonstrate this
Excelling	Development of the universe. Evidence for this. Evidence for the origins of the solar system Analysis Skills	I can evaluate the models of the universe and how they have developed I can evaluate the origins of the solar system
Advancing	What weight is and how to calculate it? Day and night how they are different? Universe – Solar Systems, Galaxies, Supernovas, Blackholes	I can explain how to calculate weight of an object I can explain how we have day and night I can explain the organisation of the universe
Securing	How our solar system originated? Orbits – what are they? What is their patter? Describing the four seasons – how are they different in Northern and Southern Hemisphere	I can describe the origins of the solar system I can describe how the planets orbit I can describe the four seasons
Beginning	What is in our solar system? Planets, Moons, Sun, Dwarf Planets, Asteroid belts, Comets. The four seasons? Spring, Summer, Autumn, Winter What gravity is and how it affects us	I can recall the structure of the solar system I can recall the four seasons I can recall what gravity is