



AOLE	Subject	Year	Assessment
Science and Technology	Science	7	Baseline Test

Progression Table		
Progression Indicator	Knowledge	Skills
Excelling	<ul style="list-style-type: none"> I understand photosynthesis and the role light plays in its function. I can identify given a food web the impact changing the population of a given organism has on another organism. 	<ul style="list-style-type: none"> I can describe control variables that must be kept constant for an investigation to be a fair test. I can identify in a given diagram why something may not be a fair test.
Advancing	<ul style="list-style-type: none"> I can identify a measuring apparatus that is suitable for a given task. I can identify the function of different parts of the human skeleton. I can identify organisms that are producers. I can identify the bonding and how particles move in solids, liquids and gases. 	<ul style="list-style-type: none"> I can identify independent and dependent variables given a method. I can start to identify trends in data, using terms such as “increase”, “decrease” and “rate”. I can write a conclusion given a set of data.
Securing	<ul style="list-style-type: none"> I can identify the seven life processes “MRS GREN” from a given list. I can complete a simple food chain from a written description of the feeding habits of species. I can identify the particle diagram that represents solid, liquids and gases. I understand the term evaporation and that it means a state change from liquid to gas. 	<ul style="list-style-type: none"> I know that in a fair test only one variable must change. I can draw a simple bar chart from given data. I can assess a given model and suggest changes to that model based on my experiences. I can identify if one variable changes compared to another.



Beginning	<ul style="list-style-type: none">● I can identify organisms that are predators or prey.● I can identify if a material is a good or poor conductor of heat.● I can identify that thermometers are used to measure temperature.● I can identify the three main states of matter, solid, liquid and gas.● I know at least one metal which is magnetic.● I can name basic forces such as “gravity”.	<ul style="list-style-type: none">● I can identify if a test is not fair if more than one variable is changed.● I can count whole numbers and identify if they increase or decrease.
------------------	---	---