



AOLE	Subject	Year	Assessment
Science and Technology	Science	9	Biology Autumn 1

Progression Table		
Progression Indicator	Knowledge/Skills	How will I demonstrate this
Excelling	Adaptations of how the body can fight disease. Why food cannot be digested? How nutrients get into cells? Food Tests. Draw conclusions from data.	I can describe, explain and draw conclusions for the qualitative protein, glucose, starch and lipids tests. I can explain what food allergies and intolerances are. I can describe how nutrients are supplied to cells via the blood and tissue fluid. I can explain why some food cannot be digested by humans. I can recall some of the evidence that has led to current ideas about blood circulation. I can identify anomalous results and evaluate evidence. I can explain how the body is adapted to fight disease.
Advancing	Structure of the heart Effects of drugs and alcohol on the body. How glucose is transported around the body? How nutrients are digested? Displaying data in different forms.	I can use models to represent the digestion of large insoluble food molecules. I can display data in a variety of different forms. I can describe how nutrients are digested and absorbed. I can identify possible reasons why correct theories may not be accepted. I can describe how glucose is transported around the body by the circulatory system. I can describe the effects of alcohol and drugs on the body I can describe the structure of the heart
Securing	Names of blood vessels Identifying patterns in data and using charts Roles of nutrients, fibre and water in the body How food is digested? What a balanced diet is? Use models to describe actions of enzymes	I can use a model to describe the action of enzymes. I can carry out and interpret results from tests for starch and fat. I can describe what a balanced diet is. I can describe how digested food is transported around the body. I can recall that nutrients, fibre and water are all vital components of a balanced diet and good sources of these substances. I can recall the roles of nutrients, fibre and water in the body. I can recall that some athletes choose to abuse medical drugs that have been developed for other purposes. I can recognise a range of jobs that are involved in the training of athletes. I can record observations accurately and identify patterns in data using charts. I can explain the importance of control experiments and sample size when carrying out an investigation. I can recall the blood vessels
Beginning	Parts of the blood and disease-causing pathogens. Why digested food is needed for energy? Names of all the major nutrients Displaying data in tables. Constructing bar charts	I can use data from secondary sources of information to construct bar charts. I can display data in tables. I can recall the names of the major nutrients in food and good sources of these substances. I can recall that theories about circulation have changed. I can recall that digested food is needed for energy. I can recall the name for disease causing pathogens I can recall the parts of the blood