



QPHS Year 11 Biology Curriculum Map

Half term	Title	Unit summary	Assessment
1	B7 Ecology	<ul style="list-style-type: none">Adaptations, interdependence and competition.Food chains, the water and carbon cycle.Biodiversity and the effect of human interaction on ecosystems.	<ul style="list-style-type: none">Required practical – sampling techniques to investigate the effect of light on the distribution of plants.Required practical – investigate the effect of temperature on the rate of decay of milk.Mid-point topic test with cumulative content from year 10 biology.End of topic test with cumulative content from year 10 biology.
2			
3	B5 Homeostasis and Response	<ul style="list-style-type: none">Homeostasis and the nervous system including the brain, the eye and control of body temperature.Human endocrine system, control of blood glucose concentration, water and nitrogen balance.Hormones in reproduction and controlling blood glucose and plant hormones	<ul style="list-style-type: none">Required practical – plan and carry out an investigation into the effect of a factor on human reaction time.Required practical – investigate the effect of light or gravity on the growth of germinated seedlings.End of topic test with cumulative content form year 10 and 11 biology.
4	B6 Inheritance, Variation and Evolution	<ul style="list-style-type: none">Reproduction and meiosisDNA, inheritance, genetic engineering, selective breeding and cloning.Variation, evolution, speciation and classification	<ul style="list-style-type: none">End of topic test with cumulative content from year 10 and 11 biology.
5			
Revision			