

Assessment Schedule 10A 2006

/ means OR eg. green / blue – answer needs green OR blue
 () means additional, not really required eg. Gauze (mat) – gauze would be sufficient
 : means AND eg. red : hot - answer needs red and hot.

Question	Evidence	Marks	
One (a)	Producers: Seaweed grass wheat cabbage (any 3)	1 mark	
	Herbivores: fish cow mouse snail (any 3)	1 mark	
	Carnivores: seal whale cat human hawk small bird (any 3)	1 mark	
(b)	Able to make its own food	1 mark	
(c)	Eats plants AND animals	1 mark	
(d)	Indicates direction of energy flow (NOT “is eaten by”)	1 mark	
Two (a)	To help it swim	1 mark	
(b)	C / feeding on fish	1 mark	
(c)	To avoid predators / to find food	1 mark	
Three (a)	(i) load (ii) pivot (iii) effort	4-6 correct = 2 marks 2-3 correct = 1 mark	2 marks
(b)	(i) load/effort (ii) pivot (iii) load/effort		
(c)	A skydiver.....to increase air resistance A racing cyclist to reduce air resistance Aeroplanes are bird shaped.... Because the smooth shape	All correct	1 mark
Four (a)	telescope		1 mark
(b)	microscope		1 mark
(c)	Magnifying glass		1 mark
(d)	(i) m ²	4 correct = 3 marks 2-3 correct = 1 mark	3 marks
	(ii) kg		
	(iii) cm		
	(iv) h		
Five (a)	All points correctly plotted with x (2 marks): 7 points (1 mark)		2 marks
	Join with suitable line		1 mark

(b)	X drawn between 160 and 165 cm						1 mark
(c)	97 – 99 (inclusive)						1 mark
(d)	C / 12-14						1 mark
Six (a)	Any 4 suitable observations eg: must be signs of a chemical rxns not physical. (color change, bubbling, thickening, rising)						4 marks
(b)	Any suitable hazard and how it might be avoided eg sugar catches fire / don't heat too much						2 marks
Seven (a)	Substance	Dissolved	Did not dissolve	Acid	Base	Neutral	5 marks (1 mark for each correct row)
	Soap		√		√		
	Bicarbonate of soda	√			√		
	Citric acid	√		√			
	Indigestion tablet	√			√		
	Sugar	√				√	
	Flour		√			√	
	1 mark for each correct row						
(b)	(i) baking soda						1 mark
	(ii) they neutralise each other / cancel out / opposites on pH scale						1 mark
Eight (a)	Ihipera						1 mark
(b)	(B) : (D) (BOTH correct)						1 mark
(c)	Students must describe how the electricity travels from electric wire to the object (kite or boat) and then to the person (electrocution)						1 mark
							40 marks