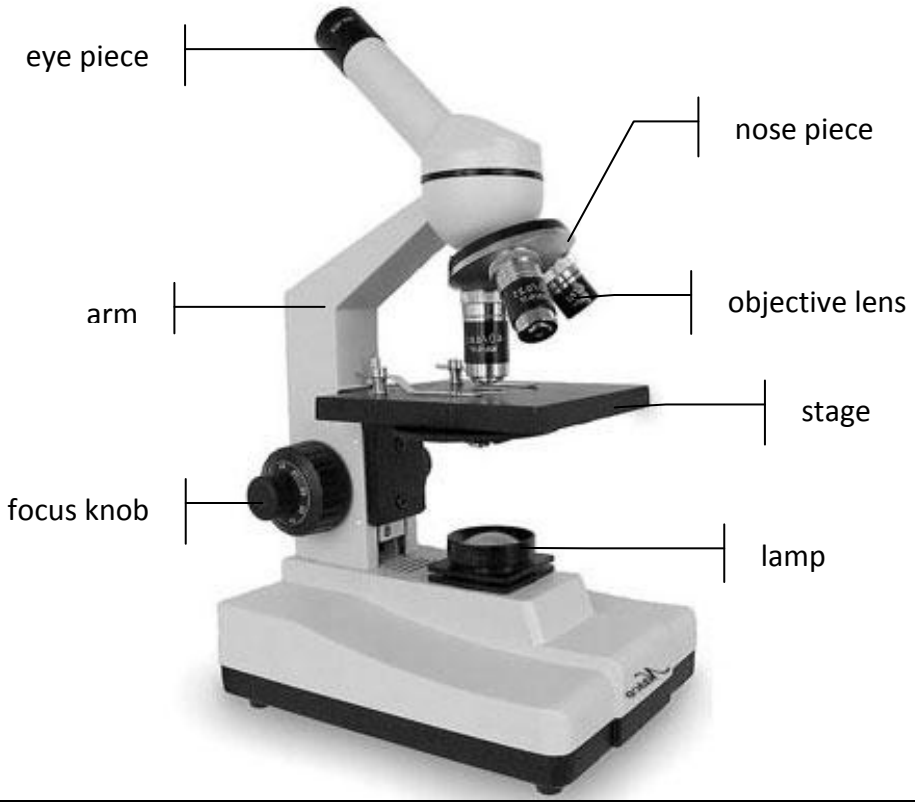
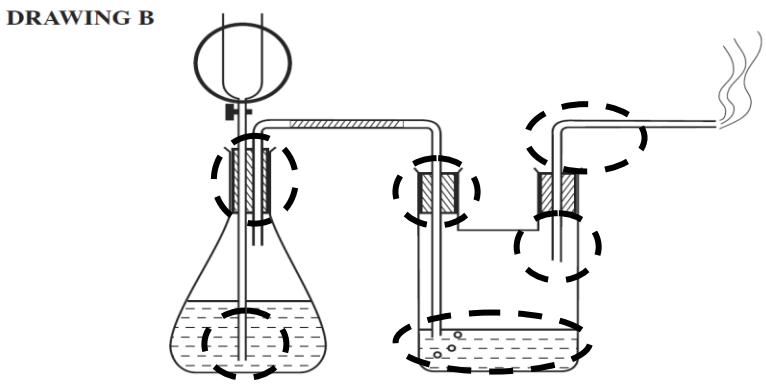
Assessment Schedule 9A 2011

/ 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)(i)	Any 3 things are circled that are unsafe e.g. long hair by flame, eating in lab, unattended flame, no safety glasses being worn, bag on bench, Bunsen near edge etc	1 mark
(ii)	One danger clearly identified//explained e.g. girls hair could catch fire Instead: Student should have their hair tied back *Wide range of acceptable answers here*	1 mark 1 mark
Two (a)(i)	250	1 mark
(ii)	32 41	3 correct - 1 mark 4 correct - 2 marks
(iii)	43 65	
(b)(i)	21-25 is circled	1 mark
(ii)	Numbers 1-5 added to y-axis	1 mark
(iii)	Bar added – 3 shells – to 16-20 length	1 mark
(iv)	Cannot tell / just because he didn't find one doesn't mean there aren't any > 30 mm (or equivalent answer) (Accepted 'False' if followed by correct explanation)	1 mark
Three (a) (i)	P = filter paper / chromatography paper	2-3 correct – 1 mark
(ii)	G = beaker / condenser	
(iii)	M – tripod / magnet	
(b)	Beaker / funnel	1 mark
(c)	Symbol drawn for either gauze or heatproof mat (Did not allow a line drawn through gauze mat) xxxxxxxxxxxxxx or ▭	1 mark
Four	Any 3 correctly labeled parts: 1 mark each; award a maximum of 2 if the label lines do not TOUCH the part they are labeling. (see next page)	3 marks

		
Five (a)	Tree ; bird ; fly are ticked ✓	All correct 1 mark
(b)	Arrows are pointing in the wrong direction / explanation that caterpillar eats cabbage and not cabbage eats caterpillar etc / energy flow is in opposite direction to arrows	1 mark
(c)	Bird: both Cat : predator	1 mark 1 mark
(d) (i)	producer	1 mark
(ii)	Produce new materials for growth	1 mark
Six		Any 3 correct – 1 mark 4 correct – 2 marks

Seven (a)	Zoe is circled : you can't measure/test "best" or suitable amswer	1 mark
(b)	Use the same amount of fabric / fold the fabric in the same way / ame temperature water (?) – there may be others (but NOT time or volume of water)	1 mark
(c)	B : least/smallest amount/volume of water passed through it	1 mark
Eight (i)	A	1 mark
(ii)	C	1 mark
(b)	melting boiling condensing	3 correct – 2 marks 2 correct – I mark
Nine (a) (i)	opaque	1 mark
(ii)	It got shorter (as the morning went on)	1 mark
(b)(i)	It (metal) is reflective / reflects the light / light bounces back off it / BUT NOT "it is shiny!"	1 mark
(ii)	2 arrows drawn – from torch to puppet : from puppet to eye	1 mark
(iii)	(puppet 3)	1 mark
Ten (a)(i)	Pollution / make a lot of smoke / non renewable BUT NOT expensive	1 mark
(ii)	Chemical : heat : electrical	3 correct – 2 marks 2 correct – I mark
(b)	Answer shows an appreciation of either hard surfaces reflecting sound / echos OR soft surfaces absorbing sound	1 mark
(c)	Any answer that talks about finding a distance – e.g how deep is the sea / how deep are the fish OR helping the fisherment to locate/find fish BUT NOT "catch" fish.	1 mark
		40 marks