Science 8 – Cells and Systems

Outcome	Activity title / description	Notes	Non- Consumable materials	Consumable materials	School provided materials
2	Preparing a wet mount: Letter 'e' / onion skin	SA8 p. 106,107	Microscopes, microscope slides, tweezers	Cover slips, onion, iodine	Plastic transparent ruler, scissors
2	Plant and Animal Cells	SA8 p. 104-105	Microscopes, prepared plant and animal slides		
1,2	Comparing uni-cellular and multi-cellular organisms	SA8, p. 112 - extended	Microscopes, prepared plant and animal slides		
2	Osmosis and Diffusion	Can be done as a demo. Use plastic gloves or dialysis tubing.	400 mL beaker	Iodine, cornstarch, water, thin plastic gloves rubber band or quick tie	
3	Changes in heart rate	SA8, p. 138	Stopwatch		
3	Tracking down disease	SA8, p. 158 modified	eyedropper	Paper cups, sodium hydroxide solution, phenolphthalein, felt marker / pencil	