

Science 8 – Mix and Flow of Matter

Outcome	Activity title / description	Notes	Non- Consumable materials	Consumable materials	School provided materials
1					
2	Paper Chromatography	See SA 8 p. 22	250 mL beaker	Coffee filters, Water soluble markers, insoluble marker	
2	Saturated and Unsaturated Solutions	See SA 8, p. 26	100 mL graduated cylinder, 250 mL beaker, balance, scoopula	Water, unknown (sodium nitrate) sample, sugar, salt, powdered drink crystals	
2	Factors Affecting the Rate of Solubility	See SA 8, p. 30	8 – 150 mL beakers, scoopula, stir sticks, safety mitts, stopwatch, kettle or hotplate.	Sugar cubes, powdered sugar, masking tape, water	
2	Drink Powder Solubility				
	Coke Distillation				
3	Calculating the Density of Various fluids		Balance, 100 mL graduated cylinder	Water, antifreeze, veg oil, ethanol, glycerine.	
3	Density of solids		Solid objects – marble, penny, dice, plastic spoon, rubber stopper, cork stopper, etc., balance, 100 mL graduated cylinder	water	ruler

