

Year 7 – Science Autumn Term 1

Chemistry Unit 1: Passport to Practical, 7E Mixtures and Separation, 7F Acids and Alkalis			
Chemistry Unit 1	Passport to Practical	Week 1	How do we stay safe in the lab?
			What apparatus do we regularly use and how do we represent it?
			How many ways can we measure something?
	7E Mixtures and Separation	Week 2	How do we set up and use a Bunsen Burner?
			How do we set up and use a clamp stand?
			How do we identify the states of matter?
	7E Mixtures and Separation	Week 3	What types of mixtures can we make?
			What is a solution and how do we make one?
			How can we change solubility?
	7E Mixtures and Separation	Week 4	How can we separate a solution?
			How can we separate a mixture of liquids that are different colours?
			How can we separate a mixture of liquids that have different boiling points?
	7F Acids and Alkalis	Week 5	How do we know what chemicals are hazardous?
			What are indicators?
			How can we make an indicator?
Week 6		How can we describe the acidity or alkalinity of a liquid?	
		What happens when we mix an acid and an alkali?	
		How do we use neutralisation in our lives?	
Biology Unit 1: 7A Cells, Tissues and Organs, 8A Food and Nutrition.			
Biology Unit 1	7A Cells, Tissues and Organs	Week 7	What do all living things do?
			What do organs do?
			Why are tissues important to humans?
		Week 8	Why are tissues important to plants?
			How do you use a microscope?
			How do you prepare microscope slides?