

CLASS-09
PHYSICAL SCIENCE
UNIT PLAN
CHAPTER: 04 – IS MATTER PURE ?

PERIOD NUMBER	CONCEPTS / TEACHING POINTS	PAGES IN TEXT BOOK		REMARKS
		FROM	TO	
1.	Pure substances Mixtures Types of mixtures	52	54	
2.	Solutions Properties of solutions Concentration of a solution	54	55	
3.	Saturated, unsaturated solutions Solubility Affecting factors of the rate of dissolving	55	56	
4.	Suspensions and Colloids Tyndall effect	56	58	
5.	Suspensions and Colloids – Examples Tyndall effect	58	59	
6.	Separating the components of a mixture Sublimation Process of evaporation of water	59	60	
7.	Paper chromatography	60	61	
8.	Separation of immiscible and miscible liquids Separating funnel	61	62	
9.	Separating of a mixture of two miscible liquids Distillation	61	62	
10.	Fractional distillation Steps to obtain the different gases in air	62	63	
11.	Pure substances Mixtures – compounds Can we separate Copper sulphate and Aluminium ? Pure substances – Elements, compounds	64	65	
12.	Elements Compounds Mixtures ----- an understanding	65	67	

NAGA MURTHY- 9441786635
 Contact at : nagamurthysir@gmail.com
 Visit at : ignitephysics.weebly.com