Addis Ababa City Administration Educational Bureau

February 2023 Second Semester Chemistry Table of Specification for Grade 10

Unit	Sub units	Period allotments per sub units	Number of items per sub units in terms of behavioural dimension
1: Introduction to Organic Chemistry	1.1 Introduction	1	3Know, 6Comp
	1.2 Saturated hydrocarbons - alkanes	9	15Know, 9Comp, 6App, 18Synt
	1.3 Unsaturated hydrocarbons – alkenes and alkynes	9	15Know, 15Comp, 3App, 6Ana, 30Synt
	1.4 Aromatic hydrocarbons-benzene	2	3Know, 6Comp, 3App, 3Synt
	1.5 Natural sources of hydrocarbons	2	9Know, 15Comp
	1.6 Alcohols	9	9Know, , 24Comp, 3App ,33Synt
	1.7 Industrial and agricultural applications of organic compounds	2	21Comp, 3synt
	Total	34	54Know, 96Comp, 15App, 6Ana, 87Synt
2: Important Inorganic Compounds	2.1 Introduction	1	3Know, 3Comp
	2.2 Oxides	3	33Know, 18Comp, 6Ana, 3Eva
	2.3 Acids	7	15Know, 36Comp, 12App, 3Synt
	2.4 Bases	5	15Know, 12Comp, 3App, 12Ana, 6Synt
	2.5 Salts	5	21Know, 21Comp, 3Synt
	Total	21	87Know, 90Comp,15App, 9Ana, 12Synt, 3Eva
3: Electro Chemistry	3.1 Introduction	1	3Comp
	3.2 Electrical conductivity	2	3Know, 6Comp, 3App, 6Ana
	3.3 Electrolysis	2	9Know, 6Comp, 6Synt
	3.4 Galvanic cells (voltaic cells)	3	3Know, 6Comp, 3Ana, 3Synt
	3.5 Industrial applications of electrolysis	2	3Comp
	Total	10	15Know, 27Comp, 3App, 9Ana, 9Synt
	4.1 Introduction	1	3Know
	4.2 Natural resources and industry	1	9Know, 6Comp

4: Chemistry in Industry and Environmental Pollution	4.3 Production of some important metals and non-metals	12	63Comp
	4.4 Some industries in Ethiopia	6	12Know, 27Comp, 3App
	4.5 Environmental pollution	5	9Know, 24Comp
	Total	25	96Know, 120Comp, 3App
	Total From all units	90	252Know,243Comp,36App,24Ana,108Synt,3Eva