

INTEGRATION OF APPROACHES IN CHEMISTRY

CLASS SCHEDULE for High School
Example only

Week/ Date	Day	Pages	Topic	Approach	Integration
1	1	1-8	Properties of Matter	philosophy rational	discuss Adventist philosophy and rationale for chemistry studies
	2			REBIRTH	Great Controversy: everything around us was created perfectly but when sin entered this world, physical and chemical properties of matter changed to the detriment of life
	3			IREBIRTH	Creation: Studying the peculiar properties of matter will lead us to appreciate how intricate, excellent, and purposeful God is in the design of even the simplest substance in His creation.
	4			resources	whos the video a matter, such as Sineskwela by ABS-CBN Foundation
2	1	8-13	History of Chemistry	contributors	identify a Christian scientist who contributed to chemistry as a science
	2			links	link to foresight as necessary to invention and perseverance to achieve.
	3			mission	discuss how chemistry has helped society and our Christian lives in particular.
3	1	13-26	Research in chemistry. summary and review	links	link to Stewardship and our responsibility to improve the care of life and the world
	2			atmosphere	I can relate personal experience in research or I can invite a scientist who helped people and/or the environment
	3			content	discuss the issue of genetic research and artificial food production
	4			mission	ask students what is their obligation if they were to make a discovery or a new invention
4	1	27-34	Compounds and Elements	links	link to Pure elements needed to form compounds just as we need pure thoughts to form our habits to inherit God's kingdom
	2			REBIRTH	Christian Behavior: our character must reflect Christ's echaracter to form lasting relationships, just as forming stable compounds require certain characteristics of elements
	3			mission	let students list their long-time friends and note the ones with the strongest cohesiveness
	4			REBIRTH	Baptizm: oxygen is not longer gas when combined with hydrogen (=water), just as we are no longer as we were if we accept Jesus and allow Him to live in us
5	1	34-40	Metals and Non Metals	links	link to how Optimism radiants a luster and beauty, just some metals radiate luster and beauty
	2			links	link to Witnessing as conducting God's blessings to others and insulators for the oppressed and wounded just like metals are good conductors while mom-metals are insulators.