

TERM	TWO	WEEK	ONE	DATES	MON	TUE	WED	THU	FRI

GRADE & SUBJECT	DAY	PERIOD	STRAND & WORK COVERED	REFERENCE/ MAIN BOOK AND ITS PAGES	REMARKS
INTGEGRATED SCIENCE 7	1		MIXTURES, ELEMENTS AND COMPOUNDS Mixtures Solid-Liquid Homogeneous Mixtures a. Describing solid-liquid homogeneous mixtures. b. Preparing a solid-liquid solution (e.g., saltwater)	<ul style="list-style-type: none"> Basic Laboratory Apparatus, equipment and selected specimens Ice, candle wax, water/salty water, Sieve, magnet Active Integrated Scie. Gr 7 T.G pg. 49-54 Active Integrated Scie. Gr 7 P.B pg.63-68 	
	2		Liquid-Liquid Homogeneous Mixtures a. Explaining liquid-liquid homogeneous mixtures. b. Identifying examples like alcohol in water	<ul style="list-style-type: none"> Basic Laboratory Apparatus, equipment and selected specimens Ice, candle wax, water/salty water, Sieve, magnet Active Integrated Scie. Gr 7 T.G pg. 49-54 Active Integrated Scie. Gr 7 P.B pg.63-68 	
	3		Gas-Gas Homogeneous Mixtures a. Discussing gas-gas homogeneous mixtures (e.g., air composition). b. Identifying gases in air using resources like posters	<ul style="list-style-type: none"> Basic Laboratory Apparatus, equipment and selected specimens Ice, candle wax, water/salty water, Sieve, magnet Active Integrated Scie. Gr 7 T.G pg. 49-54 Active Integrated Scie. Gr 7 P.B pg.63-68 	
	4		Separation Methods: Evaporation a. Defining evaporation as a separation method. b. Performing evaporation to separate a solid from a liquid (e.g., salt from water)	<ul style="list-style-type: none"> Basic Laboratory Apparatus, equipment and selected specimens Ice, candle wax, water/salty water, Sieve, magnet Active Integrated Scie. Gr 7 T.G pg. 49-54 Active Integrated Scie. Gr 7 P.B pg.63-68 	
			Separation Methods: Crystallization a. Defining crystallization as a process of separation. b. Performing crystallization to observe salt crystals forming	<ul style="list-style-type: none"> Basic Laboratory Apparatus, equipment and selected specimens Ice, candle wax, water/salty water, Sieve, magnet Active Integrated Scie. Gr 7 T.G pg. 49-54 Active Integrated Scie. Gr 7 P.B pg.63-68 	

General comments if any

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INTGEGRATED SCIENCE 7	1		Separation Methods: Simple Distillation a. Describing the process of simple distillation. b. Demonstrating simple distillation to separate liquid mixtures	<ul style="list-style-type: none"> • Basic Laboratory Apparatus, equipment and selected specimens • Ice, candle wax, water/salty water, Sieve, magnet Active Integrated Scie. Gr 7 T.G pg. 49-54 Active Integrated Scie. Gr 7 P.B pg.63-68 	
	2		Separation Methods: Fractional Distillation a. Explaining fractional distillation and its applications. b. Using print/digital resources to research fractional distillation of crude oil	<ul style="list-style-type: none"> • Basic Laboratory Apparatus, equipment and selected specimens • Ice, candle wax, water/salty water, Sieve, magnet Active Integrated Scie. Gr 7 T.G pg. 49-54 Active Integrated Scie. Gr 7 P.B pg.63-68 	
	3		Separation Methods: Sublimation a. Defining sublimation and identifying substances that sublimate. b. Perform a sublimation experiment(e.g., iodine)	<ul style="list-style-type: none"> • Basic Laboratory Apparatus, equipment and selected specimens • Ice, candle wax, water/salty water, Sieve, magnet Active Integrated Scie. Gr 7 T.G pg. 49-54 Active Integrated Scie. Gr 7 P.B pg.63-68 	
	4		Separation Methods: Solvent Extraction a. Explaining solvent extraction and its use in separation. b. Performing a simple solvent extraction activity (e.g., removing caffeine from tea)	<ul style="list-style-type: none"> • Basic Laboratory Apparatus, equipment and selected specimens • Ice, candle wax, water/salty water, Sieve, magnet Active Integrated Scie. Gr 7 T.G pg. 49-54 Active Integrated Scie. Gr 7 P.B pg.63-68 	
			Separation Methods: Chromatography a. Describing the principles of chromatography. b. Conducting a chromatography experiment (e.g., separating ink colors)	<ul style="list-style-type: none"> • Basic Laboratory Apparatus, equipment and selected specimens • Ice, candle wax, water/salty water, Sieve, magnet Active Integrated Scie. Gr 7 T.G pg. 49-54 Active Integrated Scie. Gr 7 P.B pg.63-68 	

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